

No 4

2,796

$$\begin{array}{r}
 415 \\
 \hline
 113 \\
 3.99 \\
 \hline
 188 \\
 2.61
 \end{array}$$

$$\begin{array}{r}
 405 \\
 \hline
 110 \\
 3.94 \\
 \hline
 1.25 \\
 2.61 \\
 1.00 \\
 \hline
 1.25
 \end{array}$$



$$\begin{array}{r} 1.98 \\ 1.30 \\ \hline 3.28 \end{array}$$

3.41

$$\begin{array}{r} 47.50 \\ 23.75 \\ \hline 19.00 \\ 9.50 \\ \hline 9.50 \end{array}$$

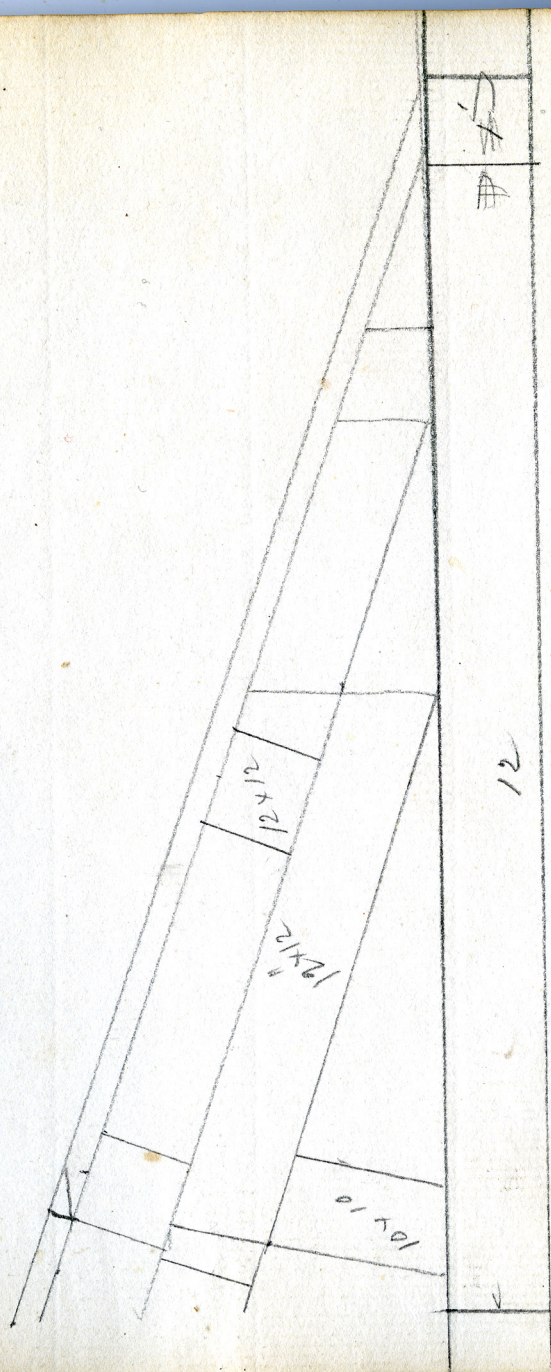
9 1/2

$$\begin{array}{r} 7.81 \\ 1.48 \\ 1.98 \\ 2.40 \\ \hline 13.67 \end{array}$$

Mr. Hamilton for miles

$$\begin{array}{r} 3.262 \\ 1.800 \\ \hline 4.662 \end{array}$$

$$\begin{array}{r} 15.30 \\ 2.15 \\ 1.88 \\ 2.15 \\ 1.98 \\ 2.40 \\ 2.15 \\ \hline 27.11 \end{array}$$



24.66

24.66

14796

14796

9864

4932

608.1156

.7854

24324624

30405780

18649248

42568092

177.61399224

4

1910.45596896

24 ²/₃

3

74 70

8 3

296

518

5476

608.4444

.7854

9131416

3490

.7854

608 ¹/₉

62832

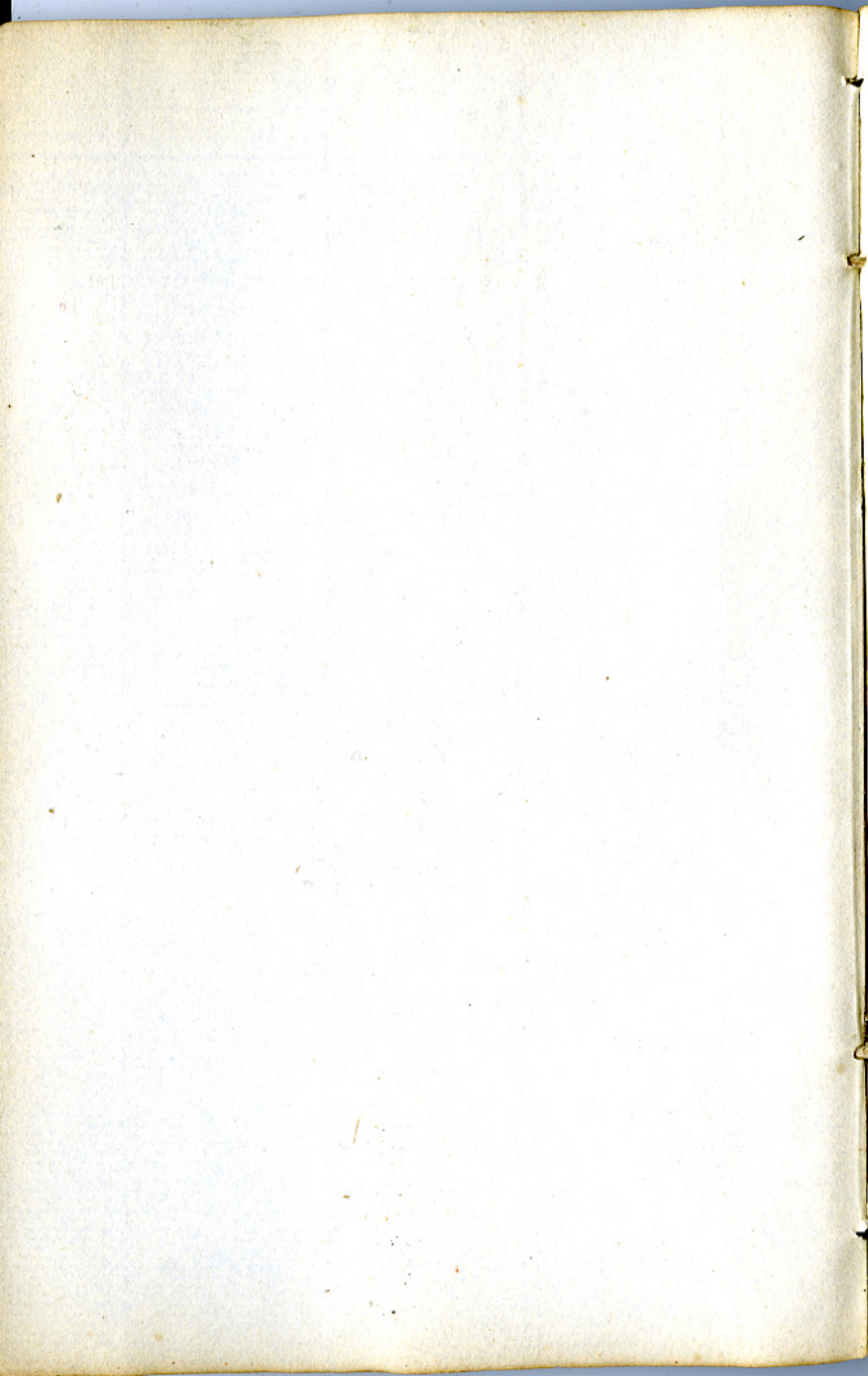
471240

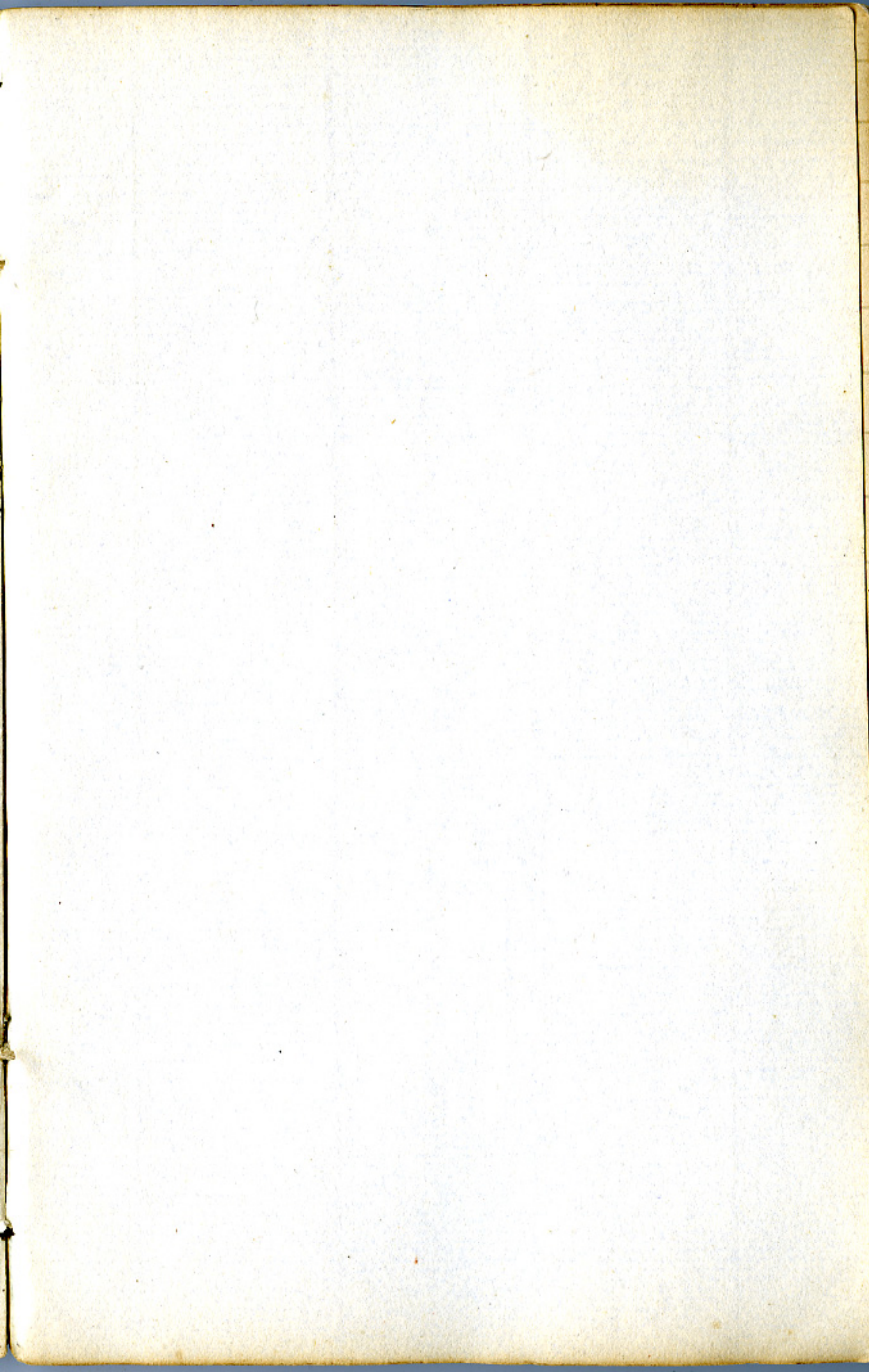
3490

477.8722

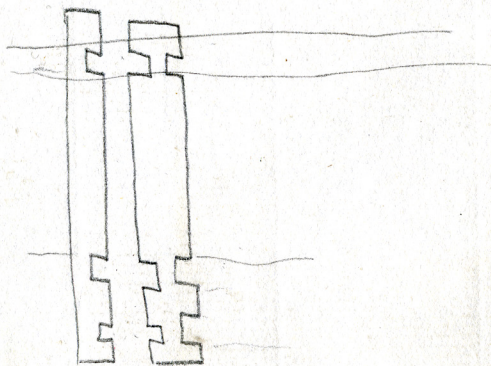
2

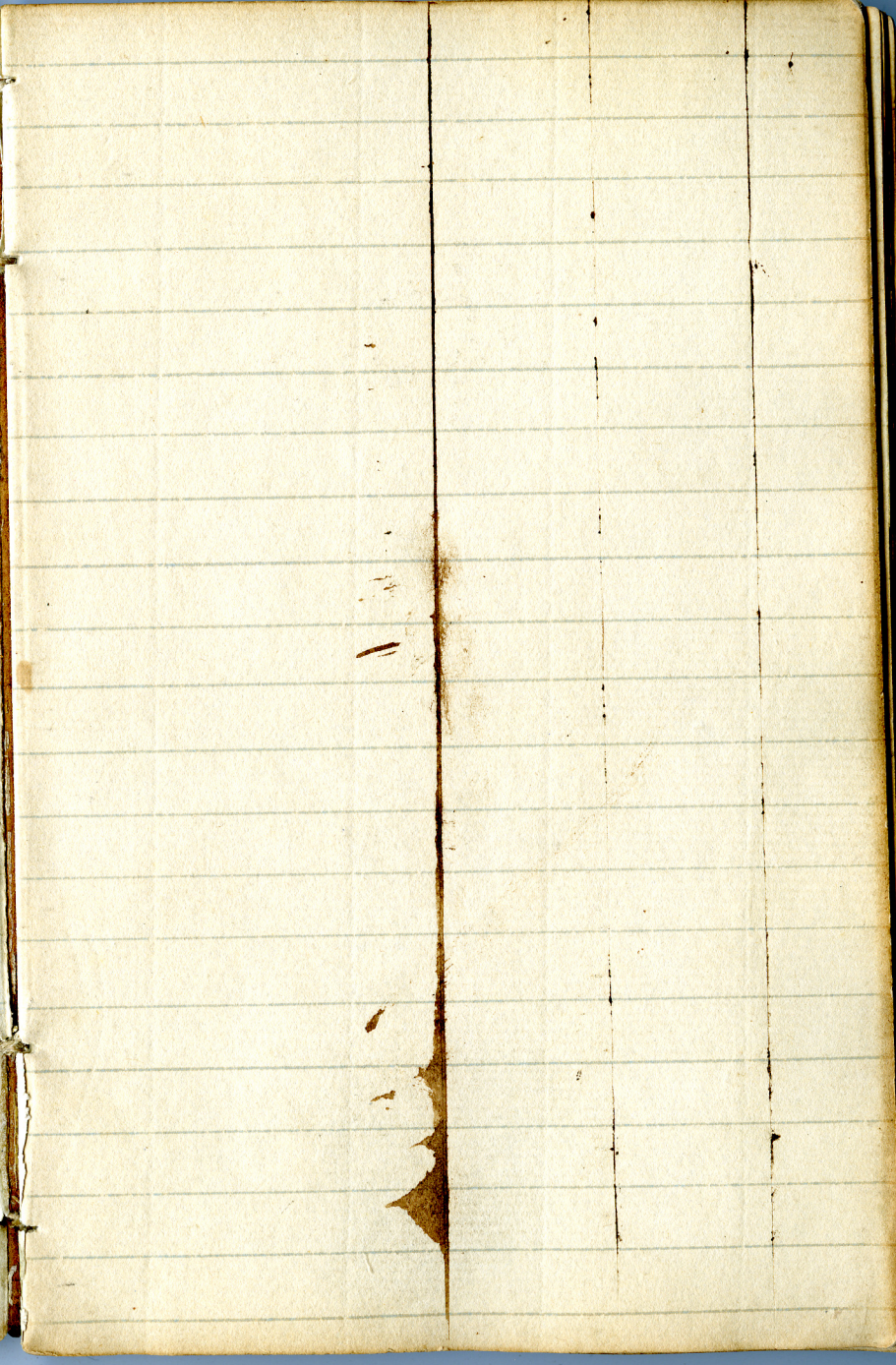
1911.4888





$$\begin{array}{r}
 16 \\
 18 \frac{1}{2} \\
 \hline
 34 \frac{1}{2} \\
 \hline
 17 \frac{1}{4}
 \end{array}$$





$$\begin{array}{r} 3.34 \\ 1.32 \\ \hline 4.66 \end{array}$$

$$\begin{array}{r} 8.857 \\ 7.445 \\ \hline 1.412 \end{array}$$

$$\begin{array}{r} 2.76 \\ 4.14 \\ \hline 1.38 \end{array}$$

$$\begin{array}{r} 8.857 \\ 7.585 \\ \hline 1.272 \end{array}$$

$$\begin{array}{r} 8.805 \\ 7.905 \\ \hline .40 \end{array}$$

$$\begin{array}{r} 8.857 \\ 7.905 \\ \hline .952 \\ 2.49 \\ \hline 3.442 \end{array}$$

$$\begin{array}{r} 8.857 \\ 7.135 \\ \hline 1.322 \\ 2.49 \\ \hline 3.81 \end{array}$$

$$\begin{array}{r} 1.322 \\ 2.69 \\ \hline 2.012 \\ 7.03 \\ \hline 9.04 \end{array}$$

$$\begin{array}{r} 7.905 \\ 8.857 \\ \hline .952 \\ 2.76 \\ \hline 3.71 \end{array}$$

$$\begin{array}{r} 2.76 \\ 4.11 \\ \hline 1.35 \end{array}$$

$$\begin{array}{r} 8.857 \\ 7.145 \\ \hline 1.74 \\ 2.76 \\ \hline 4.50 \end{array}$$

$$\begin{array}{r} 7.905 \\ 7.335 \\ \hline .570 \end{array}$$

*A new Broadway
lower than the old one*

*John
Dun*

2.49

July 26. 1849
 Levels from top of Stone
 Dam at west end, to Dam
 by Baldwin's Mill, Bradbury
 Dam & Spring's Dam, to wit:-

B.	F.			
13.796	6.49	(West end Baldwin's Dam by Flume	7.306+	7.306
11.000	11.08	5 ft. on Dam	0.080-	7.226
	11.07-10	" "	0.01+	7.236
	11.08-15	" "	.01-	7.226
	11.09-20	" "	.01-	7.216
	11.06-25	" "	.03+	7.246
	11.06-30	" "Angle	00	7.246
	10.97-35	" "	.09+	7.336
	10.94-40	" "	.03+	7.366
	10.94-43	" East End	00	7.366
	3.873	to road on G Island	7.067+	14.433
3.622	9.198	(To Bench on rock near South end Bradbury Dam marked + B	5.576-	8.857
	9.75	South end of Dam	.552-	8.305
	9.90-5	ft on Dam	.15-	8.155

Cable. forward

B. F. 8.155 +

9.90	10.00 ~ 10 ft. 12 Dam	10-	8.055 "
	10.15 ~ 15 " " "	15-	7.905
	10.40 ~ 20 " " "	25-	7.655
	10.61 ~ 25 " " "	21-	7.445
	10.63 ~ 31 " " "	02-	7.425
	10.74 ~ 35 " " "	11-	7.315
	10.61 ~ 40 " " { ^{top of log} " at angle	13+	7.445
	10.64 ~ 45 " " "	03-	7.415
	10.76 ~ 50 " " "	12-	7.295
	10.94 ~ 55 " " "	18-	7.115
	10.93 ~ 60 " " "	01+	7.125
	10.92 ~ 65 " " "	01+	7.135
	10.86 ~ 70 " " "	06+	7.195
	10.47 ~ 75 " " "	39+	7.585
	10.52 ~ 80 " " "	05-	7.535
	10.69 ~ 85 " " "	17-	7.365
	10.92 ~ 90 " " "	23-	7.135
	11.16 ~ 95 " " "	24-	6.895
	11.11 ~ 100 " " "	05	6.945

Carried forward

B.	F.		
11, 11	11, 19 - 105 ft. on Dam	.08 -	6,945
	11, 42 - 110 " " "	.23 -	6,635
	11, 43 - 115 " " "	.01 -	6,625
	11, 63 - 120 " " "	.20 -	6,425
	11, 75 - 125 To North end of Dam	.12 -	6,305
	0, 963 To Bench	10, 787 +	17, 092
7, 08	2, 968 To Bench on Hobson's office	4, 112 +	21, 204 +
0, 496	14, 31 To top of Log ^{at the} _{angle near West end of Springs Dam}	13, 814 -	7, 390 "
	15, 42 middle of Dam	1, 11 -	6, 280 .
	14, 54 East end of Dam	88 +	7, 160 +

Shot Drimby
Assisted by J. G. Garland

Bradenbury mill built by J. P. Garland
& others stands two feet & six inches north
of the stream mud side of the one
on the same site burned
Dis. measured by us the subscribers Hutto
this tenth day of Aug 1852
J. P. Garland Shot Drimby
Hiram Porter

July 21. 1849

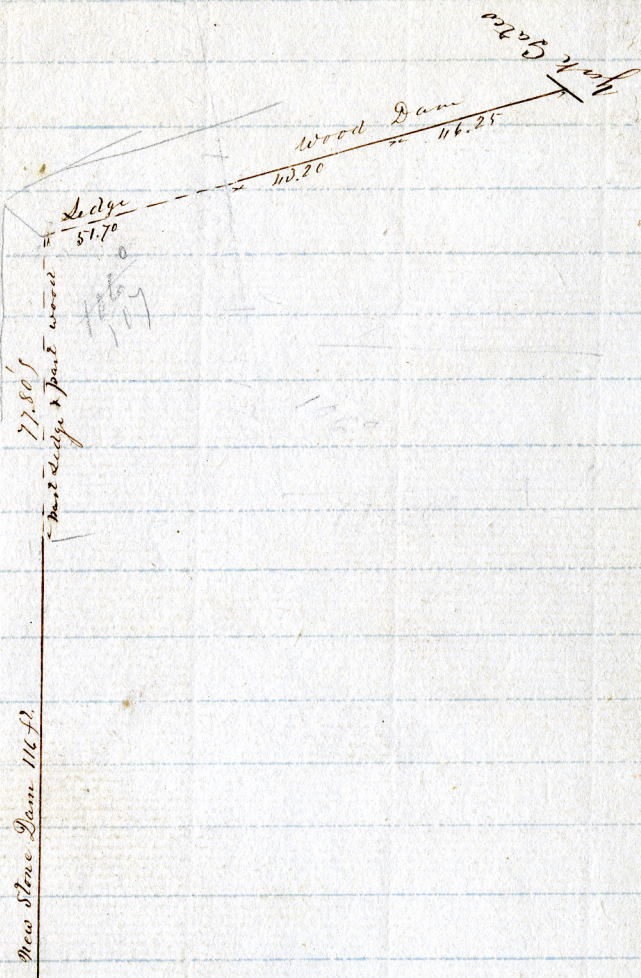
Top of Dam on upper Level from West
(i.e. that is from the East end of 116 ft. pierce now built)
end of Stone Dam to East end of old

Dam by York Co's. Guard Gates

Ins. top of Stone Dam

Stone Dam finished 116 ft.; thence

31 Sledge	1,38 Dam	2,27 Dam		
8 ft. 1/6 "	1,55 "	2,21 "		
5 " 78 "	1,59 "	2,31 "		
" 81 "	1,60 "	2,41 "		
" 80 "	4,79 Sledge	2,26 }		
" 1,00 "	4,79 "	1,46 }		80
" 1,11 "	3,87 "	1,57 "		
" 74 "	3,96 "	1,57 "		
" 1,27 "	3,25 "	1,62 "		
" 81 "	2,54 }	1,62 "		
" 1,42 "	2,25 } Dam	1,59 "		
" 77 "	2,32 "	1,56 "		
1,05 Dam	2,25 "	1,49 "		
1,19 " any	2,23 "	1,42 "		
1,28 up	- 2,19 up	1,29 by Gates		



Water Power Co. Gates

B.

Pops. Stone

Wall at the west end of A
Arch to support the end wall of
the north Brick arch 22 ft. x 12 ft. x
3 ft.

$$22' \times 12' \times 3' = 792' = \text{Perch}$$

B₂ A. Arch -

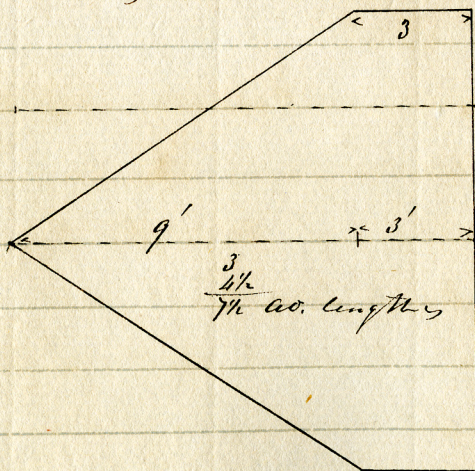
From East brick line of Mill
No. 1. Westerly 72 ft.

Arch 15 ft. span, 18" thick -

Out for 2 Groins 6 ft. in length of
arch

B.

2 Arches from A. Arch to South
end of No. 2 Mill including Groins



B.

Foss. Stones

B. Arch from East side
of Mill No. 1. westerly 225 ft.
Arch 15 ft. Span, 18 in. thick

Foss. Stones

Trench walls for Arches
beginning 100 ft. west from west
side of Mill No. 1

thence west 50 ft.

B.

A. Wall for part

B.

B. Wall 50' x 3' x 3'

B.

C. Wall 50' x 4' x 3'

B.

D. " 50' x 3' x 2'

B.

E. " from intersection with B. wall to west end 95' x 4' x 3'

B. Trench walls from A. wall, north

B. to foundation of Mill No. 2

B. A. Wall in part from East side of
Mill No. 2. West to end of wall
exclusive of 2 openings 52' x 3' x 3'

B

Fops. Stone

C. Arch from East side
of Mill No. 1. Westerly

22 3/4 ft. Arch 15 ft. Span
18" thick —

B.

Add on East end of the above
arches 23 3/4 ft. pack

B

Pop Stones

Wall on west side of Canal
parallel with Mill No. 2 & 43 ft.
to the north side of the north Arch

East of Same, 55 ft. long, 23, 15 ft.

average high $\times$ 3 ft. thick — thence
South to the south side of the crop wall 152' $\times$ 26' $\times$ 3'

thence South to the angle of
the bank wall 111 ft. 13 $\frac{1}{4}$ ft. high

3 ft. thick

$$111' + 13\frac{1}{4}' \times 3' =$$

B.

Out for Arches 22' $\times$ 10 $\frac{1}{2}$ ' $\times$ 3'

22' span 11' rise 3' thick 18' course

for Ashlar courses 134, 80 ft. $\times$ 3 $\frac{1}{2}$ ft. $\times$ 12 in.

B,

Pop Stone

Wall at right angles with
the preceding wall, East

53 ft. $\times$ 3½ ft. thick $\times$ 12 ft. High

B,

2 Ashlar courses ft. long $\times$
3½ ft. high $\times$ ft. thick

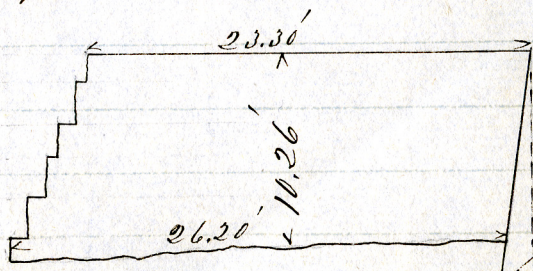
Out opening for sep. shop race 10' span $\times$
12 ft. high no stone arch

B,

Wall parallel with the above
& South of the same, entirely
from west end - dis 5 ft.

Wall 4 ft. bottom 2 ft. top

10.
10. 2
10. 2
10. 3
10. 25
10. 60
61 55
10. 26



23.30
26.20
1/2 49 50
24.75

B.

Foss Stone

Wall to Support the ~~exp~~
North Brick Pier from a line
with the East side of Mills
Westerly 82 ft. x 12' x 3 1/2"

Thence 24 " x 11 x 3

" 19 " x 9 x 3

" 24 " x 9 x 3

" 17 " x 11 x 3

" 61 " x 9 x 3

B,

Fops Stones

Wall to support middle
Brick Pier from a line of the
east Brick wall of Mills
West 225 ft. $\times$ 2 1/2 ft. $\times$ 9 ft.

B. Popl Stone ~

2 walls back of Wheel-pits in
mill No. 2 Each 91 ft. long $\times$
 $4\frac{1}{2}$ ' thick $\times$ $11\frac{29}{100}$ high

$$91 \times 4\frac{1}{2} \times 11.29 =$$

B. Mill No. 2 ~

West Wall $103' \times 6' \times 37\frac{1}{4}"$

thence $\left\{ \begin{array}{l} 40' \times 5' \times 8.61' \\ 5' \times 15'' \times 15'' \end{array} \right.$

B.

South wall $65' \times 12.79' \times 8\frac{1}{2}"$

thence $65 \times 25.96 \times 5'$

B.

Out 2 arches Ea. $12' \times 8\frac{1}{2}' \times 5'$

" 2 " $12 \times 11\frac{1}{4} \times 5\frac{1}{2}$

" " " $12'$ span 6' rise 5' thick

" " " $12'$ " 6' " $8\frac{1}{2}"$

B.

East Wall $103' \times 6' \times 37\frac{1}{4}'$

B.

Stone in foundation of Waste Gate in

Basin, $7' \times 1\frac{1}{2}' \times 2.60'$

$3\frac{1}{2}' \times 1.7' \times .80 \times 2$

B.

Stone under Brickwork south end of Basin

$18\frac{1}{2}' \times 2' \times 1'$

$25\frac{1}{2}' \times 2' \times 2'$

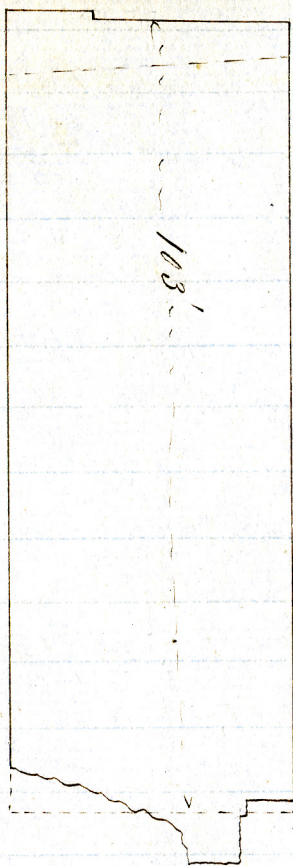
B.

Trench walls for Repair Shop Flume

$2' \times 3' \times 15\frac{1}{2}'$

$2' \times 3' \times 11'$

40 x 5 inches



$= 198 \times 5 \times 11$
 $= 13 \times 13 \times 5$

B.

6 Piers in Wheel pits Each as follows $\left. \begin{array}{l} 6' \times 4' \times 2' \\ 8' \times 4' \times 4\frac{1}{2}' \end{array} \right\}$

$17.58 \times 2' \times 4'$

$7' \times 6' \times 4'$

} Dimension Stone

B.

2 Piers Each as follows

Dimension Stone $\left\{ \begin{array}{l} 6' \times 4' \times 2' \\ 8' \times 4' \times 2' \end{array} \right.$

Com. Stone $17.38 \times 4' \times 11.75'$

B.

Out for Race Arch $12' \times 5' \times 4' - 1/2$ Circles & ring

B.

2 Piers Each as follows

Dimension Stone $\left\{ \begin{array}{l} 6' \times 4' \times 2' \\ 8' \times 6\frac{1}{2}' \times 4' \\ 4' \times 5' \times 7' \end{array} \right.$

Com. Stone $13 \times 5 \times 8$

Feb'y 1829

M. Chadwick was paid for Overfall
wall from North end to South side of South
Arch for filling under Coping 90 ft.
for 73.80 ft. Coping & for 87.30 ft. Stretch-
ers

Stone in the east end of the
three Brick Arches Average 1.90 ft.
long. cut on the two sides by Arch.

23 Stone

22 "

20 " 65 Stone 130 Sides 1.90 x 18"

Brick work on west side of Overfall
Wall average 15 in thick

Brick Work at north end of No 1 &
South end of No 2. av 14" thick

Brick Piers for Cusket

South Pier av. from East end to west side of Mill No. 1. 6 $\frac{1}{2}$ ' high, thence west 5 fl. Dis. beginning 5 fl. west of Mill as follows

6.42

6.42

7.17

6.77

7.65

7.14

7.72

7.92

7.84

8.44

7.24

6.92

6.82

7.47

7.35

7.87

8.82

8.94

9.97

10.45

10.52

6.50

5.70

5.90

6.20

6.50

6.50

6.50

6.50

6.50

6.50

6.50

(2d. Pier average 6.40' high 2' thick

$\times 6.40 \times 2$

{ Out 9 holes 4' diameter

(3d. Pier av 6.40' high

$\times 6.40 \times 2$

{ Out 6 holes 4' diam.

North Pier from East end 5' dis.

5.50

5.50

6.90

6.60

6.50

5.70

5.90

6.20

6.50

6.50

6.50

6.50

6.50

6.50

6.50

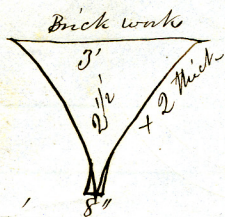
6.50 to East side of mill

Bal. av. 6 $\frac{1}{2}$ ' high

1655 Bricks under Waste Gate in Canal Basin

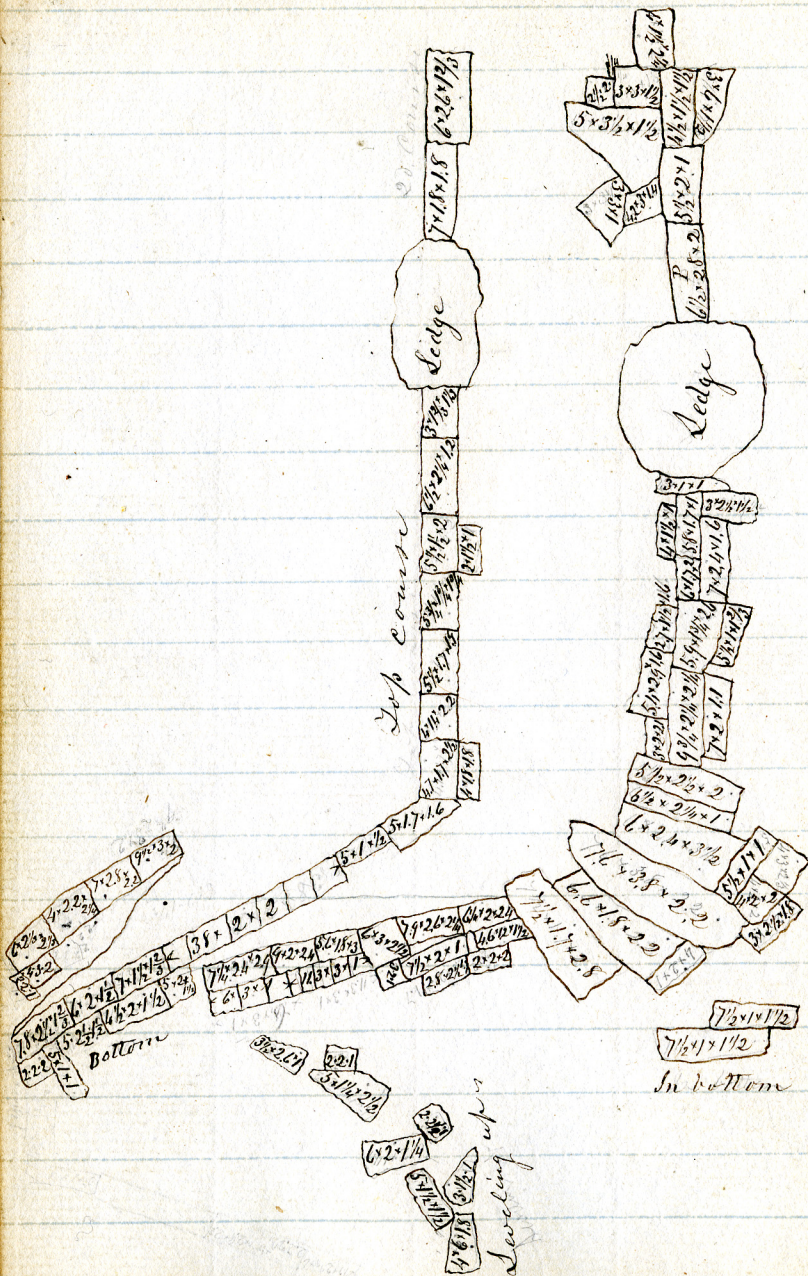
[illegible][illegible]

Canal Basins



Brick work 4.83
 $4' \times 4' \times 2 \frac{1}{2}'$
 $4' \times 5' \times 2'$

Bottom of Brick work in
 B shop walls 4' 10" below bottom
 of Door stool



4x1½ Stone in upper dam beginning 116 ft.
East from West End exclusive of
Coping, Sept. 1849 J.R.

$$\begin{aligned}
 4 \times 1\frac{1}{2} \times 2\frac{1}{4} &= 13.50 \\
 3 \times 3 \times 1\frac{1}{2} &= 13.50 \\
 2\frac{1}{2} \times 2 \times 1\frac{1}{4} &= 6.25 \\
 1\frac{1}{2} \times 1\frac{1}{2} \times 4\frac{1}{2} &= 10.12 \\
 3 \times 6 \times 1\frac{1}{2} &= 27.00 \\
 5 \times 3\frac{1}{2} \times 1\frac{1}{2} &= 26.25 \\
 5 \times 3\frac{1}{2} \times 1\frac{1}{2} &= 26.25 \\
 3 \times 3 \times 1 &= 9.00 \\
 4.2 \times 3 \times 1.4 &= 17.64 \\
 2 \times 5\frac{1}{2} \times 1 &= 11.00 \\
 6 \times 2.6 \times 1\frac{1}{2} &= 26.00 \\
 7 \times 1.8 \times 1.8 &= 22.68 \\
 3 \times 1 \times 1 &= 3.00 \\
 3 \times 2\frac{1}{2} \times 1\frac{1}{2} &= 11.25 \\
 4 \times 1\frac{1}{2} \times 1 &= 6.00 \\
 5.5 \times 1.7 \times 1 &= 9.86 \\
 7 \times 2.4 \times 1.6 &= 26.88 \\
 6 \times 1.7 \times 2 &= 20.40 \\
 5\frac{1}{2} \times 1 \times 1\frac{3}{8} &= 9.17 \\
 5.9 \times 1\frac{3}{4} \times 2.6 &= 26.84 \\
 2.7 \times 1\frac{1}{2} \times 1.6 &= 6.48 \\
 5.4 \times 2.9 \times 1.6 &= 25.05 \\
 3 \times 2 \times 2.1 &= 12.60 \\
 9.3 \times 2\frac{1}{2} \times 2\frac{1}{4} &= 47.08 \\
 7 \times 2 \times 1.1 &= 15.40 \\
 5\frac{1}{2} \times 2\frac{1}{2} \times 2 &= 27.50 \\
 6\frac{1}{2} \times 2\frac{1}{4} \times 1 &= 14.62 \\
 6 \times 2.4 \times 3\frac{1}{2} &= 50.40 \\
 5\frac{1}{2} \times 1 \times 1 &= 5.50 \\
 4 \times 3 \times 2\frac{1}{3} &= 28.00 \\
 4 \times 2 \times 2 &= 16.00 \\
 3 \times 2\frac{1}{2} \times 1.8 &= 13.50 \\
 7\frac{1}{2} \times 3.8 \times 2.2 &= 63.54
 \end{aligned}$$

$$\begin{aligned}
 6.6 \times 1.8 \times 2.2 &= 26.14 \\
 4 \times 2 \times 1 &= 8.00 \\
 7\frac{1}{2} \times 1.7 \times 2.8 &= 35.70 \\
 7\frac{1}{2} \times 1 \times 1\frac{1}{2} &= 11.25 \\
 7\frac{1}{2} \times 1 \times 1\frac{1}{2} &= 11.25 \\
 6\frac{1}{4} \times 2 \times 2.4 &= 30.00 \\
 4.6 \times 1.2 \times 1\frac{1}{2} &= 8.28 \\
 2 \times 2 \times 2 &= 8.00 \\
 7.9 \times 2.6 \times 2\frac{1}{4} &= 46.21 \\
 7\frac{1}{2} \times 2 \times 1 &= 15.00 \\
 2.8 \times 2\frac{1}{2} \times 1.7 &= 11.90 \\
 3 \times 2 \times 1 &= 6.00 \\
 6 \times 3 \times 2\frac{1}{2} &= 45.00 \\
 5.6 \times 1.8 \times 3 &= 30.24 \\
 11.3 \times 3 \times 1 &= 33.90 \\
 9 \times 2 \times 2.4 &= 43.20 \\
 7\frac{1}{4} \times 2.4 \times 2.9 &= 50.46 \\
 6 \times 3 \times 1 &= 18.00 \\
 6 \times 2.6 \times 1\frac{3}{8} &= 26.00 \\
 7 \times 1.8 \times 1.8 &= 22.68 \\
 3 \times 1\frac{1}{2} \times 1\frac{1}{2} &= 6.66 \\
 6\frac{1}{2} \times 2\frac{1}{4} \times 1.2 &= 17.55 \\
 5\frac{1}{2} \times 1\frac{1}{2} \times 2 &= 16.50 \\
 2 \times 1\frac{1}{2} \times 1.0 &= 3.00 \\
 5\frac{3}{4} \times 1\frac{3}{4} \times 1\frac{1}{4} &= 12.58 \\
 5\frac{1}{2} \times 1.7 \times 1.9 &= 17.76 \\
 4 \times 1\frac{1}{4} \times 2.2 &= 12.32 \\
 4.7 \times 1.7 \times 2\frac{1}{2} &= 19.97 \\
 4 \times 1.8 \times 1.8 &= 12.96 \\
 5 \times 1.7 \times 1.6 &= 13.60 \\
 5 \times 1 \times 1\frac{1}{2} &= 2.50 \\
 3.8 \times 2 \times 2 &= 15.20 \\
 7 \times 1\frac{1}{2} \times 1\frac{3}{8} &= 17.50
 \end{aligned}$$

648.26

Over 792.11

Coping of Dam beginning

116

2.30	1.95	3.15	2.10	2.1	3.	3.1	2.5	2.3	2.2	2.8	1.80	2.3	2.3	2.	2.2	2.1	2.3	2.1	2.
76.05 in beginning																			

$6 \times 2 \times 1\frac{1}{2}$	18,00
$5 \times 2\frac{1}{2} \times 1\frac{1}{2}$	18,75
$5 \times 1 \times 1$	5,
$4 \times 4\frac{1}{2} \times 1,5$	3,6
$3 \times 1\frac{1}{2} \times 1$	4,5
$5 \times 1\frac{1}{2} \times 1\frac{1}{2}$	11,25
$6 \times 2 \times 1\frac{1}{4}$	15,
$2 \times 2\frac{1}{2} \times 1$	5,
$2 \times 2 \times 1$	4
$5 \times 1\frac{1}{4} \times 2\frac{1}{2}$	15,62
$3\frac{3}{4} \times 2\frac{1}{4} \times 1$	8,40
$4\frac{1}{4} \times 2 \times 1\frac{1}{2}$	13,50
$6 \times 2 \times 1\frac{1}{2}$	18,
$5 \times 2\frac{1}{2} \times 1\frac{1}{2}$	18,75
$7,8 \times 2\frac{1}{2} \times 1\frac{2}{3}$	32,50
$2 \times 2 \times 2$	8,
$5 \times 1 \times 1$	5
$2 \times 2 \times 2$	8
$3 \times 2 \times 2$	8
$4 \times 3 \times 2$	24
$2 \times 2 \times 1$	4
$6 \times 2\frac{1}{2} \times 2\frac{1}{3}$	32,66
$4 \times 2,2 \times 2\frac{1}{4}$	19,8
$7 \times 2,8 \times 2,2$	43,12
$1\frac{1}{2} \times 3 \times 2$	57,
$5 \times 2 \times 1\frac{1}{2}$	15,
	416,45

416, 435

792, 11

648, 26

1836, 82

Adel. On main broken
 2' 3" On
 One cut for overflow
 2 1/2' 8 + 1 1/3

116 ft. East from west end; thence East to angle

13 ft. above "Old Dam"

2.1 2.15 2.1 3.2 2.5 2.1 2.3 2.6 2.5 2.1 2.9 1 1/2 1 1/2

4 4 4 4

Height of "Old Dam"

41.70

Broken

2.4 2.5 2.5

Height same as old dam

38.40

150 3 3 2.1 19.2 2.1 2.1 2.1 2.1 2.0 2.5 19.2 1 2.1 2.0 2.1 4 2.2

2.4 2.2 2.7 2.9 1.8 2. 2.3

16.3

and S. E. to wooden dam
 Sept. 1849

B. Stone in Culvert for Pipe from
South wall of B. Mill Counting House
Southerly

Covering $5'1' \times 4\frac{1}{2}' = 22.50$ ✓

Trench Walls $5'2' \times 1\frac{1}{2}' \times 2 = 30.00$ ✓

Fops

Over fall Wall in part,

B. Filling up under Coping in part,
 $58.90' \times 5.81' \times 2$

B. Coping in part $58.90' \times 8\frac{2}{3} \times 1\frac{1}{3}$

B. Stretches in part $42.3' \times 2\frac{1}{2}' \times 1\frac{1}{4}'$

B
Caps & Stills in B. Mill No. ² 1438.83 ft.
_{add} 17.10
Mill No. 2 to be charged with
the same & Fops credited less
Spare caps & stools in hand

Caps & Stools for doors in ends
of Mills No. 1 & 2 from Boiler Houses
 34.2 ft.

B, Stone in Breakwater, Loss Stones

∴ ~~9 × 2 × 2~~ Measure taken in ft. & tenths
~~7 × 3 × 1.4~~ = 2.94 ✓

8 × 1.9 × 1.9 = 28.88 ✓

7.3 × 2.2 × 1.7 = 27.30 ✓

9 × 1.6 × 1.9 = 27.36 ✓

8½ × 2.2 × 2.5 = 46.75 ✓

8½ × 2.4 × 2 = 40.32 ✓

6½ × 1.8 × 1.8 = 21.06 ✓

6.4 × 2.4 × 2.4 = 36.86 ✓

6¼ × 3 × 2.3 = 43.12 ✓

6 × 3 × 2 = 36.00 ✓

7½ × 2½ × 2 = 37.50 ✓

9 × 2 × 2 = 36.00 ✓

8 × 2.4 × 2½ = 48.00 ✓

7½ × 1½ × 1½ = 14.06 ✓

8 × 2 × 2.4 = 38.40 ✓

3 × 2 × ¾ = 4.50 ✓

~~3 × 2½ × 2 = 13.50~~

~~3 × 2½ × ½ = 3.75~~

~~4 × 1 × 1¼ = 5.00~~

3 × 2 × ½ = 3.00 ✓

10 × 2½ × 2 = 50.00 ✓

∴ 9 × 2 × 2 = 36.00 ✓

8 × 3 × 2½ = 60.00 ✓

6½ × 3.4 × 1.8 = 38.25 ✓

7½ × 2.1 × 2½ = 39.37 ✓

7¾ × 2½ × 2½ = 43.60 ✓

9 × 2.8 × 2.8 = 45.36 ✓

8 × 2½ × 2½ = 45.00 ✓

4.7 × 1.8 × 2.2 = 18.61 ✓

863.44 ÷ 25 = 34.5376 Perch

Not used for Breakwater

B. Coping of Packing House wall

B. West end $44 \times 2 \times 3$

B. South side $125 \times \frac{1}{4} \times 3$

B. North side $113 \times \frac{2}{4} \times 3$

B. Addd 1/4 P. Exten
Coverings for Drains

$$\{ 7 \times 3\frac{1}{2} \times 1\frac{1}{2}$$

$$\{ 38 \times 3\frac{1}{2} \times 1\frac{1}{2}$$

B.

Underpinning of Packing House

167

167

48

91

382 - 22 windows of 4' Ea. & Brick under door 3'

$$291 \times 2 \times 1 = 582$$

Yards

$$60 \text{ ends \& returns } 2 \text{ ft. Ea} = 120'$$

B. Underpinning of Pickers No. 1 & 2

128

78

48

16

$$318 - 18 \text{ for 12 windows} = 270' \times 2 \times 1$$

B. " of Run to Mill No. 1 - $50 \times 2 \times 1$

B. " " " " " " 2 - $50 \times 2 \times 1$

" " Boiler House No. 1

B. " " B. Mills Counting House $112.10 \times 2 \times 1$

One stone for Coal Hole

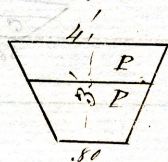
B,

Archlar Courses in wall parallel
with 2 Ea. North of Arches $51' \times 1\frac{3}{4}' \times 1' \times 2$

South of Arches $79' \times 1\frac{3}{4}' \times 1' \times 2$

Out furnished by Co. 19.30. $1\frac{3}{4}' \times 1'$

B. Across South end of Basin $61\frac{1}{4}' \times 3' \times 1\frac{3}{4}'$



Asklar South end of Basin

8.1	9.3	7.4	6.7	4.1	8.	6.2	6.	5.4
5.5	5.8	4	5.6	7.9	12.4	6.3	7.	6.6

B.

allil

1 1/2

1 1/2

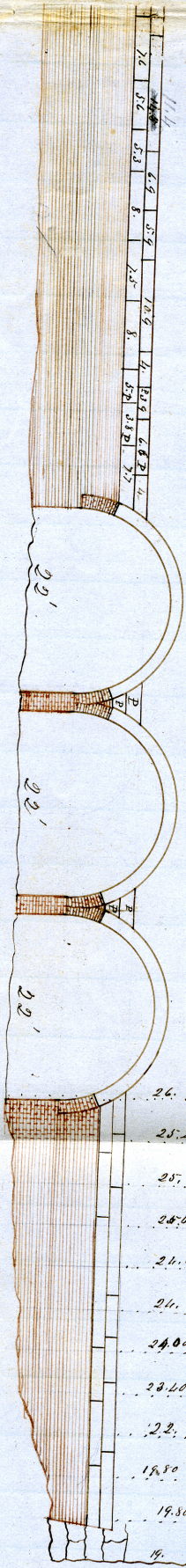
B.

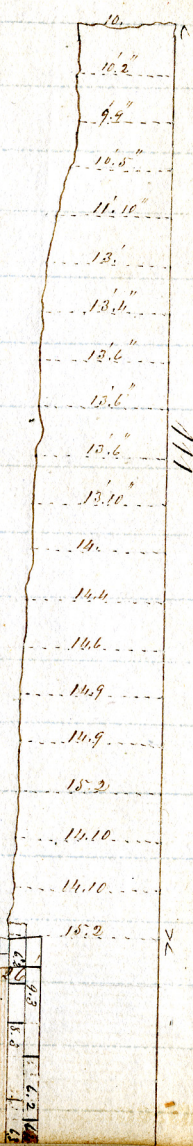
x 1 3/4



11	10	9	8	7	6	5	4	3	2	1
5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9

13.9



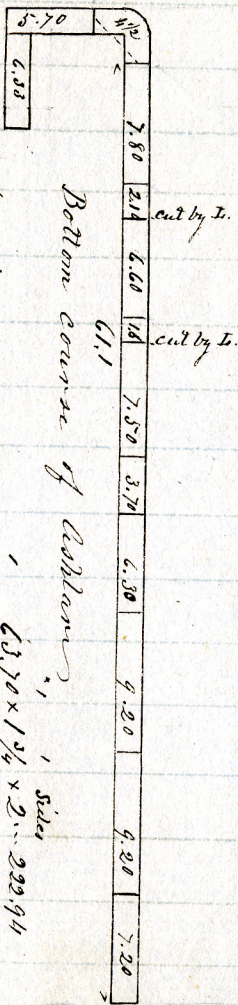
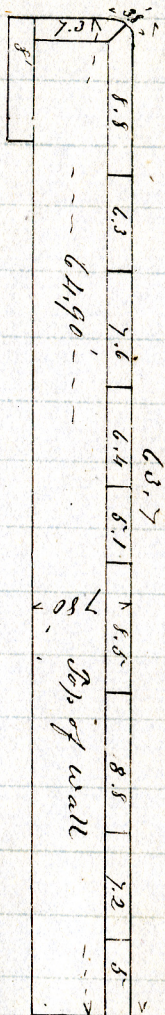


~~Fofo Stone~~
Cooch's working
Wall across Canal at the north
end of Overfall wall

depo larice by Chacton etc $\left(7 \times 3\frac{1}{4} \times 2\frac{1}{2} \right)$ Br. Ch.

$$\left\{ \begin{array}{l} 7 \times 3\frac{1}{4} \times 2.40 \\ 7 \times 1\frac{1}{2} \times 2 \\ 7\frac{1}{2} \times 2 \end{array} \right\} \text{ Breakfast } \underline{\text{B to Ch -}}$$

$$\left\{ \begin{array}{l} 6\frac{1}{2} \times 16.66 \times 8 \\ 5.4 \times 8 \times 4.3\frac{1}{4} \\ 2\frac{1}{4} \times 3.30 \times 8 \end{array} \right\} \text{ Page X. } - 923.52 \text{ ft.}$$



Bottom course of Cobble

Sidler

 $61.1 + 1\frac{3}{4} + 2 \text{ inches } 213.85$ $61.1 + 1\frac{3}{4} + 2 \text{ inches } 213.85$
$$5.7 \times 1\frac{3}{4} \times 2 \dots\dots\dots 19.94$$
$$4.8 \times 1 \frac{3}{4} \times 2 = 15.74$$
$$6\frac{1}{3} \times 1\frac{3}{4} \times 2 = 22.16$$

Endo 24 + 1 1/4 + 1 3/4 73.50

Cattle 38 x 1 $\frac{3}{4}$ ----- 6.63

$$63.70 \times 1\frac{3}{4} \times 2 = 222.94$$
$$7.36 \times 1\frac{3}{4} \times 2 = 25.56$$

8. $\times 1\frac{3}{4} \times 21 = 28.00$

$$\text{Ends } 22. + 1\frac{1}{4} + 1\frac{3}{4} = 67.37$$

38 7/31

Can. J. O. 1/19 6.63

350.56
351.61

170, 100

102,34

Foss. Stone

In foundation wall on East side of Picker fm No. 344 North of Arch, beginning at the north side of arch thence north 5 ft. Dis. Ins. 11.84 + Dam. Wall 4 ft. thick to top of arch

64= 10.94	Top of wall begin
11.53	32 ft. South of Center of
12.07	South Arch Ins 10.25 + 8
	6.20 5.72
10.13	5.87 8.59
	5.80 8.32
10.56	5.19 8.97
10.50	6.08 7.12
10.60	5.22 8.19
9.08 + 8	4.78 8.14
8.08	4.80 6.58
	5.88 5.68
	7.33 4.50
	6.27 4.50
	4.92 4.05-6 ft
	4.79 up. 4.05-6 ft

Whole Amt of Wall 93.06 P.

Chadwick furnished 52.18 "

Tops " " 40.88 "

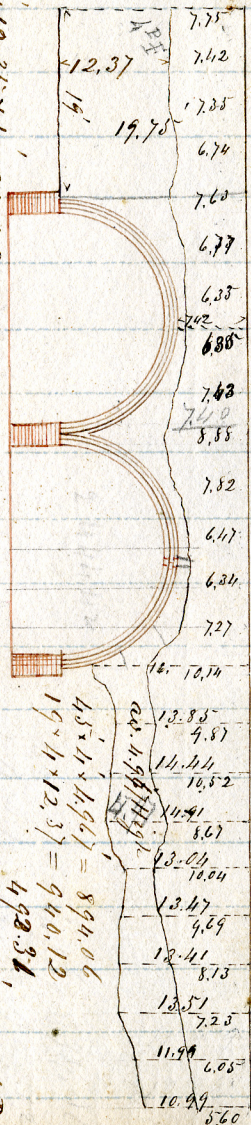
Foss was paid for 89.06 "

" Over paid for 48.18 , @ 1.15 = \$55.41

14.75 + D.

West Wall of Sticker for mile No. 344

Step and legs.



Step 2. Another $24\frac{1}{2}$ ft. run

$$24\frac{1}{2} \times 24\frac{1}{2} \times 1.7554 = 1917.49$$

Minimum land by the Charleston D.

89.06

Step 3 -

$$232679 = 93.06 \text{ P.}$$

4.00

Step 4 $474 \times 110 = 22110$

$$471172.2 = 33.20$$

$$5.2 \times 48 \times 4 = 90.13$$

$$\begin{array}{r} 7.75 \\ 7.42 \\ 7.25 \\ 6.74 \\ 7.60 \\ \hline 36.89 \end{array}$$

$$\begin{array}{r} 147.73 \\ 3441.58 \\ 1975.58 \\ \hline 12.37 \end{array}$$

$$\begin{array}{r} 11 \overline{) 8143} \\ \underline{7210} \end{array}$$

$$\begin{array}{r} 10.14 \\ 9.87 \\ 10.52 \\ 8.67 \\ 10.04 \\ 9.69 \\ 8.13 \\ 7.23 \\ 6.05 \\ 1.60 \\ \hline 85.94 \end{array}$$

$$\begin{array}{r} 16 \\ 13.85 \\ 14.44 \\ 11.91 \\ 10.07 \\ 13.17 \\ 13.47 \\ 13.17 \\ 11.99 \\ 10.99 \\ 135.61 \\ \hline 8.59 \\ \hline 5.97 \end{array}$$

Charged Dec 2/49

Fin on roof of Border House mill No. 1

$$76' \times 22\frac{1}{3}' = 1697\frac{1}{3} \text{ ft.}$$

Fin on roofs of Picker No. 1 & 2 runs

$$19,2' \times 25,4' \times 2 = 971,1.4''$$

$$26.42 \times 2 \times 12.70$$

$$671.07$$

$$37.90 \times 2 \times 5.54$$

$$419.93$$

$$1091.00$$

$$61$$

$$25 \overline{) 125-2} \overline{) 5-0}$$

$$125$$

$$2$$

$$5-9$$

$$26.68$$

$$18$$

$$1160$$

$$88.6$$

B

Foss Stone.

*

Wall across Canal at North end of
Overfall Wall.

Stone mixed with cob Stone below the
4th course from top of wall

$$4\frac{1}{2} \times 3 \times 2\frac{1}{2} = 31.5$$

$$11.7 \times 3 \times 2\frac{1}{2} = 35.25$$

$$3 \times 2 \times 2 = 12$$

$$9\frac{1}{4} \times 2 \times 2 = 37$$

$$6 \times 4.7 \times 3 = 84.60$$

$$2\frac{1}{2} \times 2 \times 1\frac{1}{2} = 7.50$$

$$3 \times 2\frac{1}{2} \times 1.83 = 13.72$$

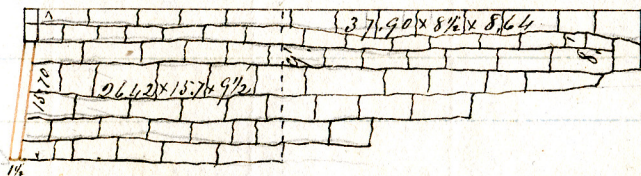
$$3 \times 1\frac{1}{2} \times 1\frac{1}{2} = 6.75$$

$$5 \times 2 \times 1\frac{1}{2} = 15.00$$

} Below 4th course
from top & meas-
ured as put in

$$243.32$$

Leop furnished by Chadwick 923.52 ft.



$$26.42 \times 15.70 \times 9\frac{1}{2} = 3940.54$$

$$37.90 \times 8.64 \times 8.64 = 2783.37$$

$$6723.91$$

Out

$$\text{Ashlar } 63.7 \times 3.50 \times 1\frac{1}{4} = 390.15$$

$$\text{By Chadwick } 923.52$$

$$\text{Cob. } 5 \times 1\frac{1}{2} \times 8.64 = 64.80$$

$$1378.47$$

$$5345.44$$

Add

$$243.32$$

$$\text{Ashlar } 63.70 \times 3.50 \times 1\frac{1}{4} = 390.15$$

$$5588.76$$

$$6.05 \times 3.50 \times 1\frac{1}{4} = 37.05$$

$$8 \times 3.50 \times 1\frac{1}{4} = 49.00$$

$$476.20$$

W C Crook br.

By cutting one Cap & Stool
Ea. for No. 142 Mills from

B Border Houses

$$\begin{aligned} \text{Cap} & \left\{ \begin{array}{l} 6\frac{1}{2} \times 16 = 8, 8 \\ 6\frac{1}{2} \times 4 = 2, 2 \\ 6\frac{1}{2} \times 2 = 1, 1 \end{array} \right. \quad 11, 11 \times 2 = 23, 10 \\ \text{Rabbit} & \quad 4\frac{1}{2} \text{ long} \times 2 \end{aligned}$$

B

$$\begin{aligned} \text{Stool} & \left\{ \begin{array}{l} 5\frac{1}{2} \times 15 \times 2 \text{ F} \quad 13, 9 \\ 5\frac{1}{2} \times 15 \times 2 \text{ C} \quad 13, 9 \end{array} \right. \end{aligned}$$

B.

Underpinning for Picker No. 142 & runs
Two runs 100'

Picker 270

$$\text{Ends \& retains } 96 \times 2 = \underline{192} \quad \underline{562 \text{ ft.}}$$

B Caps & Stools in Picker No. 142.

$$\begin{aligned} \text{Stools 2 Ea.} & \left\{ \begin{array}{l} 8, 8 \times 33\frac{1}{2} \text{ F.} \quad 24, 2, 4 \\ 8, 8 \times 17\frac{1}{2} \text{ C.} \quad 12, 7, 8 \end{array} \right. \\ \text{" 2 Ea. } & 5\frac{1}{2} \times 1\frac{1}{2} \text{ F.} \quad \underline{16, 0, 0} \\ & \quad \quad \quad 40, 2, 4 \end{aligned}$$

$$\begin{aligned} \text{Caps 2 Ea.} & \left\{ \begin{array}{l} 8, 11 \times 19\frac{1}{2} \text{ F.} \quad 14, 5, 10, 6 \\ 8, 11 \times 16 \text{ C.} \quad 11, 10, 8 \end{array} \right. \\ \text{" 2 Ea. } & \left\{ \begin{array}{l} 6\frac{1}{4} \times 14 \text{ F.} \quad 7, 3, 6, \\ 6\frac{1}{4} \times 12 \text{ C.} \quad \underline{6, 3} \end{array} \right. \\ 2 \text{ Rabbits Ea. } & 4\frac{1}{4} \text{ --} \quad \underline{21, 9, 4, 60, 18, 1, 8 \text{ F}} \end{aligned}$$

B Caps & Stools in Packing House

Door Stool	{ 7' 2" x 32" F,	19, 1, 4
"	{ 7' 2" x 20" C, 11, 11, 4	11, 11, 4
"	7' 2" x 35" F,	20, 10, 10
"	7' 2" x 20" C, 11, 11, 4	11, 11, 4
" Cap	{ 7' 9" x 19 1/2" F,	12, 7, 1, 6
"	{ 7' 9" x 11 1/2" C, 9, 4, 4, 6	9, 4, 4, 6
"	7' 9" x 16" F,	10, 4
"	5' 8" x 16" F,	7, 6, 8
"	7' 8" x 16" F,	10, 2, 8
16 large windows		33' 3", 0, 6
22 Barb do.		80' 8", 7, 6

B.

Underpinning	291'
60 end & returns	120
mod 2 1/4	411'

B Spare caps & stools for the above

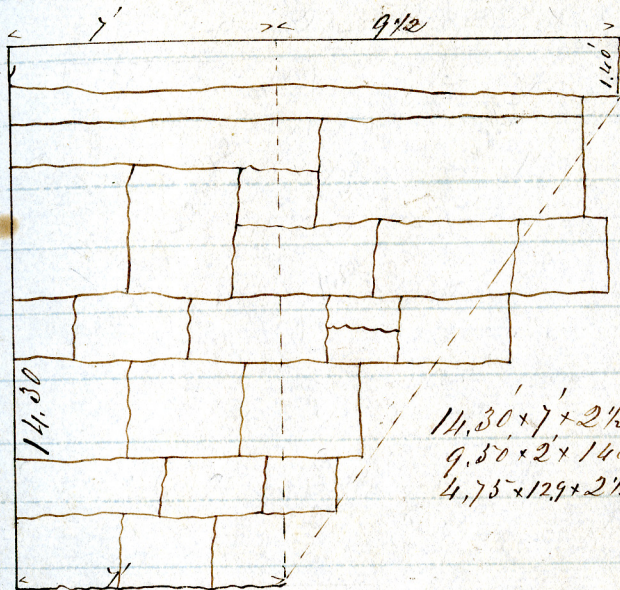
1 Door Cap	{ 9' x 1, 76	2 1/6
"	{ 9' x 1, 25	2 1/9
Rabbit	{ 8, 20 long	2 1/4
1 Door Cap	{ 9' x 16"	1 1/6
"	{ 9' x 15"	2 1/9
Rabbit	{ 8, 20 long	
4 Blocks Ea	{ 2' x 1, 60 x 2	
	{ 1, 60 x 1, 60	

B Caps & Stools in B. Mills
Counting House

Door Stool	5' 1" x 35" F,		14. 9. 11"
"	" 5' 1" x 33" C,	13. 11. 9"	
" Cap	5' 5" x 11"	15. 11. 9"	4. 11. 7
"	" 2 Ea, 5' 6" x 10"		9. 2
"	" 1 7' 2" x 11"		6. 6. 10
" Stool	5' x 33" F,		14. 7.
"	5' x 33" C,	13. 9	
"	6' 7" x 33" F,		18. 1. 3
"	5' 5 1/2" x 35" F,		15. 11. 0. 6
Less over measure		27. 8. 9 C,	
Window Caps & Sills	5' 3" Ea	6. 2. 0 11 18. 5. 10	84. 1. 7. 6" F,

B Chadwick's Stone

2 Bushes walls west of west
Porch to Mill No. 2.



$$14.30' \times 7' + 2\frac{1}{2}' \times 2 =$$

$$9.50' \times 2' \times 140' \times 2 =$$

$$4,75 \times 12,9 + 2\frac{1}{2} \times 2 =$$

B 2 Perch of Foss' Stone to be deducted from the above & 3 perch were used for backing up Foss or By 5 Perch Stone

B Foss' Stone

Bank wall from North West
Corner of B. Mill No. 2. west
to Bank,

28' x 14' x 2 1/2' 980

14 x 7' x 2 196 1176

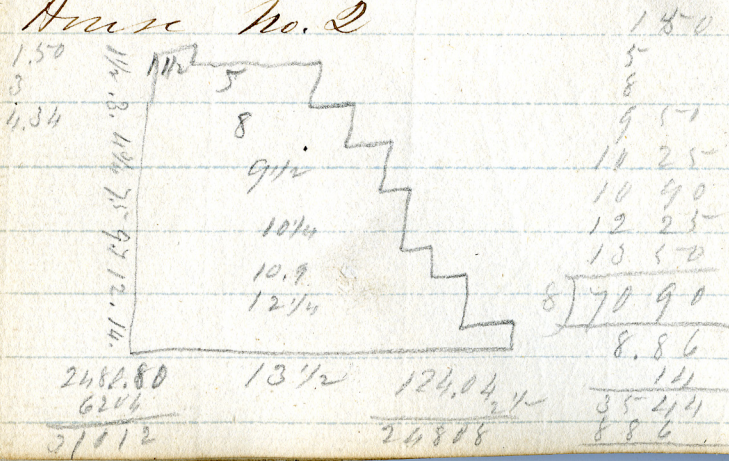
Out Chadwick's

112 x 13 1/4 x 1 3/4

128,62
1047.88

B. Foss.

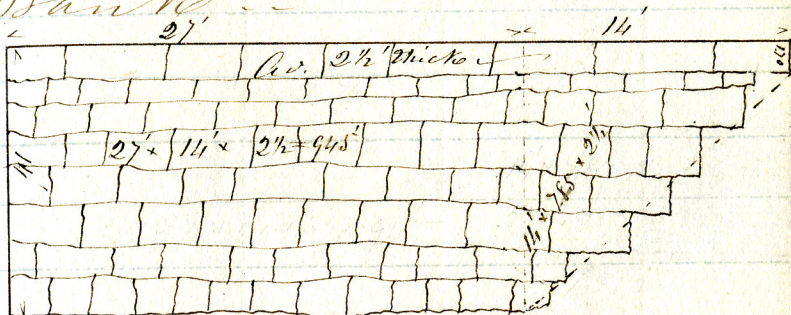
Part of wall east of the
North East Corner of Boiler
House No. 2



B

Charadicks Stone

Wall from South West corner
of B mill No. 1 - west to the
Bank -



B

Fop. Stone.

Coping on north end wall
of Repair Shop

$$44.70 \times 2.12 \times 2.27 = 215.11$$

B

2 Ports at Gate way to Yard

$$6 \times 1 \times 1 \frac{1}{2} = 9$$

$$6 \times 1 \times 1.30 = \underline{7.80} \quad 16.80$$

B.

Foss Stone
Arch over
In a section of Gosh Mill.
Place $\rightarrow 15\frac{1}{2}$ ft. long - 1061.35

B

Sep $13\frac{1}{2}' \times 18'' \times 5\frac{1}{2}'$ 111.37 } to be deducted
18' $\times 18'' \times 2\frac{1}{2}'$ 67.50 } for next sec.
178.87 } furnished by N.
Chadwick

Sep $\{ 13\frac{1}{2}' \times 3' 1\frac{1}{2} = 60.75$
 $\{ 18' \times 2' 1\frac{1}{2} = 54$
114.75 24 12
1061 35

1085.47

B W. C. Cook & Co.

By 1 Block cut for Packing House

$\begin{cases} 1,30 \times 4 \times 2 \\ 1,30 \times 1,30 \end{cases}$

1 Block for do $\begin{cases} 1,30 \times 2 \times 2 \\ 1,30 \times 1,30 \end{cases}$

5 Window Sills for do

1 Door Sill $\begin{cases} 5 \times 2,65 \end{cases}$

$\frac{1}{6}$

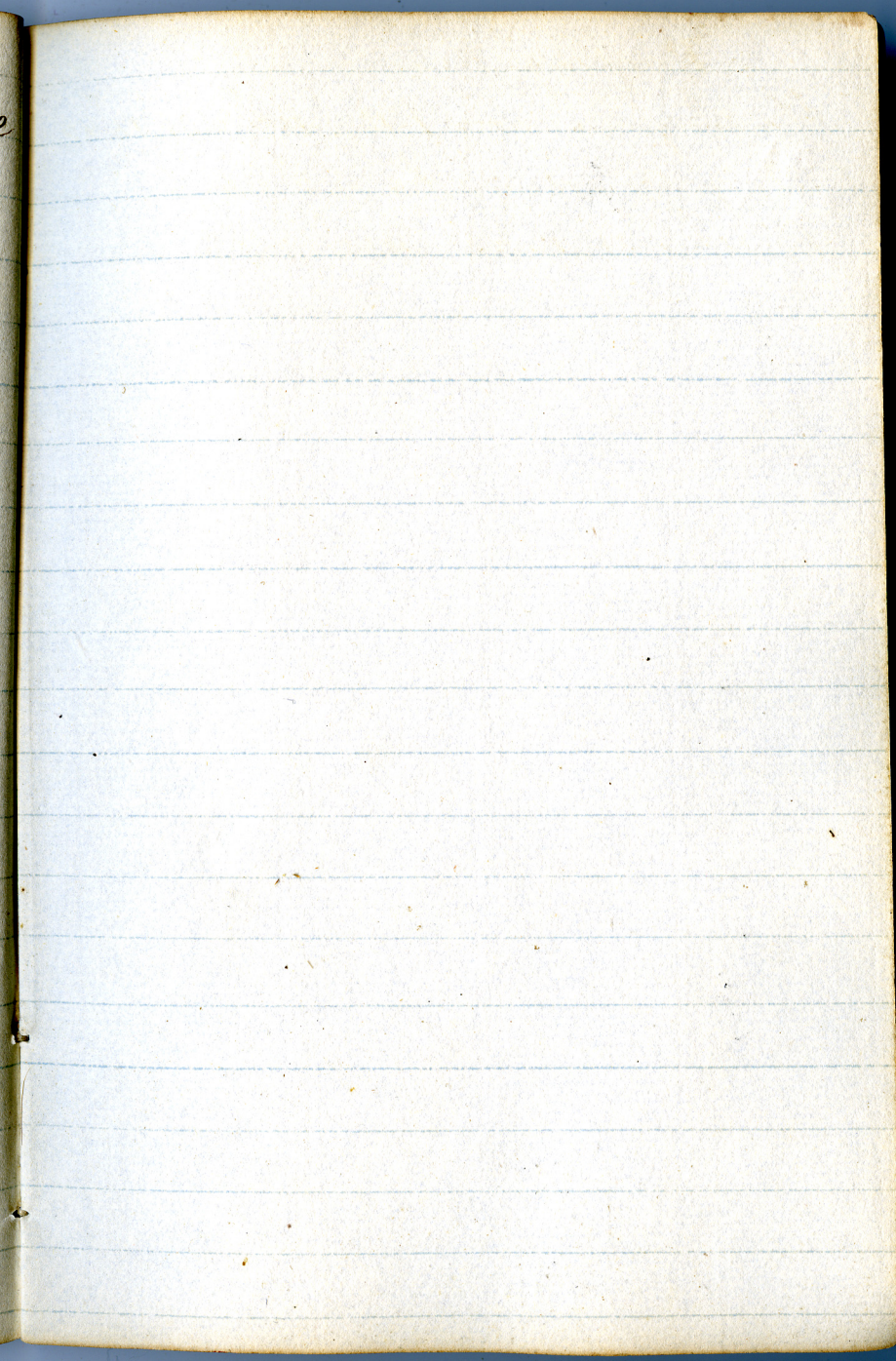
$\begin{cases} 5 \times 1,60 C \end{cases}$

Packing House

Slating on roof $167' 10\frac{1}{2}" \times 31' 1\frac{1}{2}" \times 2$

Out 7 ~~windows~~ Ea $3' 2" \times 4' 6"$

$$167' 10\frac{1}{2}" \times 31' 1\frac{1}{2}" \times 2 = 10450' 2' 7' 6"$$



Abutment of Bridge

58' 1/2"
75' 5 1/4"
21' 6 1/8"

York Block
Indian Island

78
48
43 1/2
219
299 1/2

Red line 2' back from the face
of wall on top - wall batters
one foot to 9' in height -

197 1/2'

171.20'

99' 1 1/4"

8' 40"

150.15'

29' 1 1/2"

400' 10 1/2"

116' 1/2"

• Bol 1 1/4 diam

29' 15"

This line continues the railing of the bridge

165.55'
114' 0" 32'

This line continued strikes the left
hand side of the 2nd building from the east end
of a long window in Northern part
This line continued strikes the left side of
a large window in Barn

Give 26 from Bolt for railing from
the bridge East end

B

Chadwicks Stones

Part of Arch over Gooch Mill Race
laid by J. Andrews by the Perch

$$24' \times 1\frac{1}{2}' \times 17' = 612 = 24,48 \text{ Perch}$$

Chadwick's Stone

Part of Arch over Up & Down Mill

Race av. length $13\frac{1}{2}' - 16\frac{1}{4}'$ arc.

Ver. Sin. $\frac{1}{4}'$

B. $14.10 \times 20\frac{1}{4} \times 1\frac{1}{2} = 17.13$ perch

B. Part of Arch over Gooch Mill Race
to River Wall—

$50' \times 33\frac{1}{4}'$ av. $9\frac{1}{4}'$ v.s. $22'$ Chord

$22'$ Chord

$$50' \times 33\frac{1}{4}' \times 1\frac{1}{2} = 2493.75 = 99.78 \text{ P.}$$

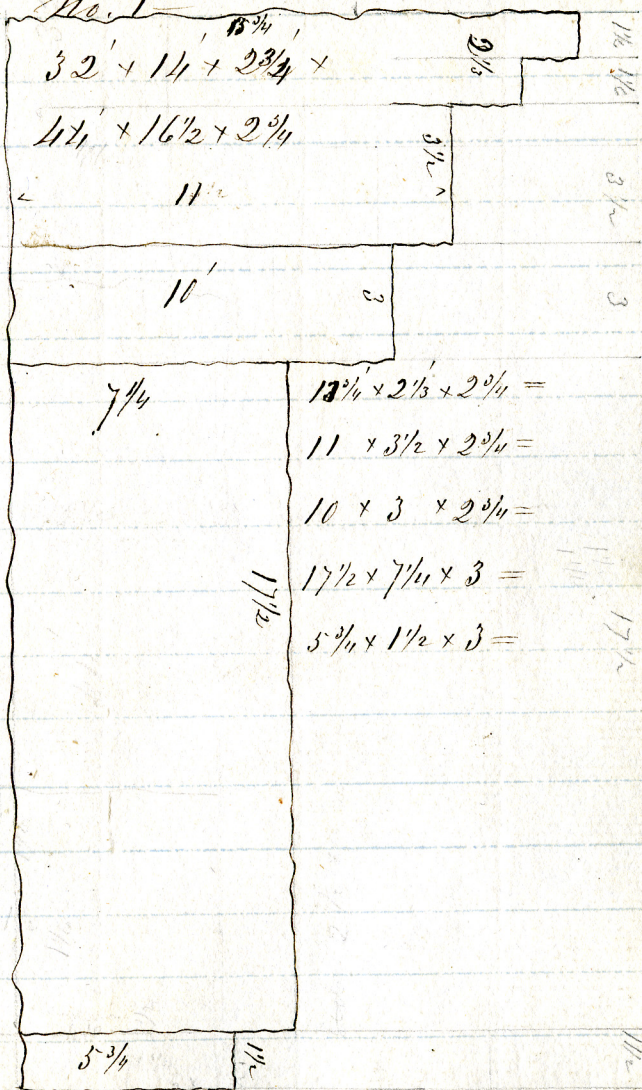
Part of Arch over Chadwick's Stone

Part of Arch over Gooch Mill
Race west side of Head

16 ft. long 32 perch

B

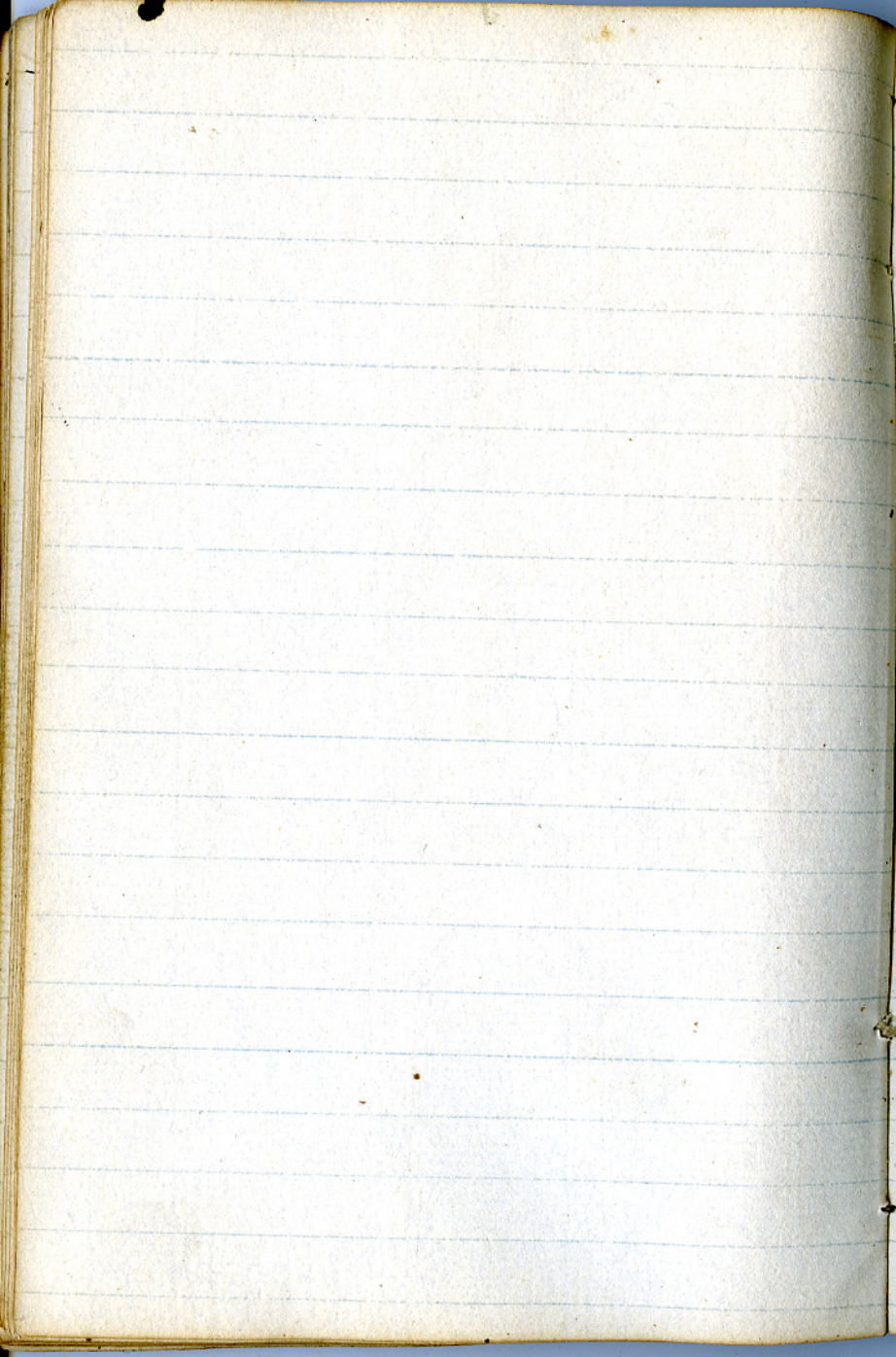
Foundation of Boiler House
Mill No. 1

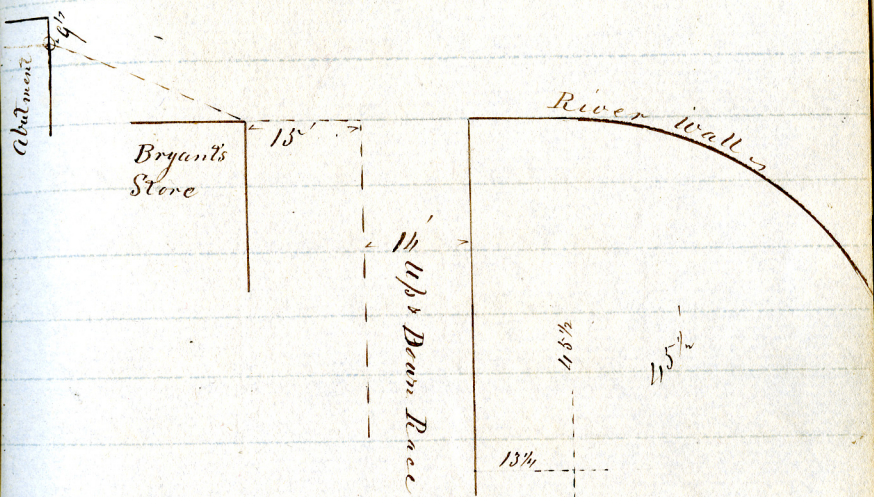


Liberty Street Calvert
43' x 2 1/2' x 10" Coping } B.
21' x 1' x 1' French } Chadwick
 } W.P. Co

Waste No^r 30 Foss Stone, May 8, 1856,
Coping under N.E. corner of
Cotton House

$2\frac{1}{3}' \times 2' \times 17'' =$	6.7.4
$4\frac{1}{2}'' \times 2\frac{1}{2}'' \times 11'' =$	10.1.10
$2' \times 2\frac{1}{2}' \times 16'' =$	4.8.
$3\frac{1}{4}' \times 20'' \times 1' =$	5.5.
$3\frac{1}{4}' \times 20'' \times 1' =$	5.5
$3' 5'' \times 2\frac{1}{2}' \times 7'' =$	4.11
$4' \times 2\frac{1}{4}' \times 11'' =$	10.1
$2\frac{1}{3}' \times 2\frac{1}{2}' \times 8'' =$	4.0
$2' \times 2\frac{1}{2}' \times 17'' =$	7.1
$21'' \times 2' 10'' \times 22'' =$	9.1
$4' 5'' \times 2' \times 19'' =$	14.
$3' \times 2\frac{1}{2}' \times 12'' =$	7.3
$2' 8'' \times 2\frac{1}{2}' \times 19'' =$	10.10
$2' 10'' \times 1\frac{1}{2}' \times 19'' =$	19.5
$3' \times 2\frac{1}{2}' \times 12'' =$	7.3
$2' \times 2' \times 2\frac{1}{2}' =$	10.4
$4\frac{1}{2}' \times 2\frac{1}{2}' \times 16'' =$	14.6
$3\frac{1}{4}' \times 2\frac{1}{2}' \times 16'' =$	10.1
$2' 10'' \times 2' \times 2' =$	11.4
$21\frac{1}{2}' \times 2\frac{1}{2}' \times 2' =$	107.6
	279.11.2





Paid Cotton & P. House

W. G. Gorch br. By cutting

B 799 ft. unclipping including
ends & returns

B Posts for large door $10 \times 15\frac{1}{2} \times 4 \times 2 = 103\frac{1}{2}$ ft
 $15\frac{1}{2} \times 15\frac{1}{2} \times 4 = 6$ "

B Rabbit 28,20' long

B Cap B { $11,80 \times 1,30 \times 2 = 30,68$ "
 $11,80 \times 1,40 \times 2 = 33,04$ "
 $1,40 \times 1,30 \times 2 = 3,64$ "

B Stool $10,70 \times 2' = 21,40$ "

B Caps $5,17 \times 1' \times 2 = 11,00$

B Stool { $5,17 \times 2,72 = 14,06$
 $5,17 \times 1\frac{1}{2} = 7,75$

B Cor. P. Hump { $3' \times 1' \times 2 = 6,00$
 $1' \times 1' \times 2 = 2,00$

B 44 More for W. Caps $5' \times 9\frac{1}{2}'' \times 4' \times 40 = 57,5''$

B 71 " " 10. Stools $4\frac{1}{2}' \times 7' \times 7' \times 71 = 110,5,4$
 $167,10,8''$

L. Top br. (Waste not-30)

$$260' \times 2' \times 1' = 520.$$

$$2180' \times 2' \times 1' = 4360$$

$$6' \times 2' \times 1' = 12.$$

$$10,10' \times 2' \times 1' = 20,20$$

$$42,30' \times 2' \times 1' = 84,60$$

$$14' \times 2' \times 1' = 28.$$

$$4,10' \times 2' \times 1' = 8,20$$

$$22,30' \times 2' \times 1' = 44,60$$

$$6' \times 2' \times 1' = 12.$$

$$4,20' \times 2' \times 1' = 8,40$$

$$6,45' \times 2' \times 1' = 12,90$$

$$15,70' \times 2' \times 1' = 31,40$$

$$3,90' \times 2' \times 1' = 7,80$$

$$4,20' \times 2' \times 1' = 8,40$$

$$2 \text{ Posts } \{ 10' \times 15\frac{1}{2}" \times 15\frac{1}{2}" \}$$

$$\{ 10' \times 15\frac{1}{2}" \times 15\frac{1}{2}" \} 33,36$$

$$\text{Cap } 11,80' \times 1,30' \times 1,40' = 21,48$$

$$4/10 \text{ Caps } 61,35$$

$$21 \text{ " Stools } 32,75$$

$$3 \text{ Steps Mill No. 2 } = 7,15' \times 1,17' \times 8" = 16,73$$

$$4 \text{ " " " } = 7,15' \times 1,17' \times 8" = 16,08$$

$$3 \text{ " " " } = 5,15' \times 1,17' \times 8" = 12,06$$

$$W. G. Brook br. 2820' \times 2' \times 1' = 56,40$$

$$71,10' \times 2' \times 1' = 142,20$$

$$\text{Paid Aug 5/50 } 11,50' \times 2' \times 1' = 23,00$$

$$16,20' \times 2' \times 1' = 32,40$$

$$13,80' \times 2' \times 1' = 27,60$$

$$6,60' \times 2' \times 1' = 13,20$$

$$6,35' \times 2' \times 1' = 12,70 \quad 311,50$$

$$B. Stool 10,70' \times 1,45' \times 1' = 15,51$$

$$B. Caps 5,30' \times 1' \times 66' \times 2 = 7,26$$

$$B. Door Stool 5,17' \times 80' \times 1,65' = 6,82$$

$$B. Cu. P. Nunn 3' \times 1' \times 1' = 3,00$$

$$B. 1 \text{ Door Step Mill No. 2 } 7,15' \times 1,17' \times 8" = 5,57$$

$$4 \text{ " " " No. 1 } 7,15' \times 1,17' \times 8" = 22,50$$

$$1 \text{ " " " " } 5,15' \times 1,17' \times 8" = 4,02$$

W. C. Gorch Cr.

By Cutting Door Steps Mill No. 1 & 2

B. E. Pouch No. 1

4 Steps Ea $5.20 \times 2 \times 4 = 41.60$

B. Ends Joints for one set 29.84 70.74

B. W. Side $7.15 \times 2 \times 4 = 57.20$

B. Ends $2.31 \times 1 \times 2$ 29.14 86.34

B. $2.20 \times 1 \times 2$ 4.40 157.08

No. 2 Mill Same as No. 1 157.08

$2.80 \times 1 \times 2$ 5.60 162.68

B. $1.11 \times 1 \times 2$ 2.22 164.90

B. Dial $7.15 \times 2 \times 1 = 14.30$

B. Ends, latiss 29.84

B. 76.34

B. 76.34 152.68

B. 152.68

B. 152.68

B. 152.68

B. 152.68

B. 152.68

B. 152.68

B. 152.68

Don No 12

3 Steps $7.15 \times 1.17 \times 8$ Hoja 16.73

4 " $5.15 \times 1.16 \times 8$ —

Don No 13

3 Steps

3 Steps $5.15 \times 1.17 \times 8$ Hoja 11.42

4 " $7.15 \times 1.17 \times 8$ 22.34

C & P H by W. G. L. L. L.

W. G. L. L. L. Caps $5 \times 9.5 \times 4 = 1.3.8 \times 14$

W. G. L. L. L. Hoja $4.7 \times 7 \times 7 = 1.6.8 \times 71$

$1.3.8 \times 14 = 57.54$

$1.6.8 \times 71 = 191.54$ 167.108

Walking, long Po. Hills

$$106 \times 2\frac{1}{2} \times 4 = 1060 \div 25 = 42.4$$

12 Per. A

100

60

100

100

1 Per. A 8.11 x 11.11 x 11.11

1 Per. A 8.11 x 11.11 x 11.11

1 Per. A 8.11 x 11.11 x 11.11

$$\begin{array}{r} 60 \\ 3 \\ \hline 180 \\ \hline 20 \end{array}$$

Paid Apr. 1/57

Nathan Chadwick Cr.

By Stone under South
East Corner of Packing

House $17' \times 18'' \times 2' = 37' = 2\frac{1}{2}\%$ Pack

waste not / 50

Samuel Foss Cr.

By Stone under bank

Wall near Mrs. Perkins

$106' \times 2\frac{1}{2}' \times 4' = 1060 \div 25 = 42\frac{4}{5}\%$ Pack

$$\begin{array}{r}
 45- \\
 24 \\
 \hline
 181 \\
 90 \\
 788 \\
 320 \\
 \hline
 2188
 \end{array}$$

Brick Work in C. & P. House
60 ft. piece & East wing

East Wing Same as West 20782.42
Add East End $50' \times 3' \times 22''$ --- 2275.00
" North E. Cor. $12.67' \times 2' \times 20''$ --- 442.23
" " " " $9.40' \times 1' \times 20''$ --- 1856.67
" " " " $9.30' \times 10' \times 20''$ --- 662.20
Cut 212121.32

1/4 Windows $8' \times 4' \times 16''$ 18187.77.33

1 Door $8.10' \times 16' \times 9\frac{1}{4}''$ 10503.30

2 " $4.55' \times 8.30' \times 16''$ 101070.71

1 Window

Gable End } $8' \times 4' \times 12''$ 3232 --- 2115.34
19006.18

Centre or 60 ft. Part

S. & North sides Ea, 1st. Story $60' \times 16.63' \times 20' \times 2$ 3326.

E & W Ends " " $13\frac{1}{2}' \times 16.63' \times 16' = 295.64$

2, 3 & 4th. Storys $120' \times 38.80' \times 16''$ --- 66208.

E & W. Corners $14.8' \times 38.80' \times 16''$ --- 758.75
over

E & W. Sides 30' 4" Stings

$$30' \times 9.90 \times 16'' \times 2 = 11320$$

$$30' \times 13.70 \times 12'' \times 2 = 11370$$

{ 2 Gable Ends Ea }

$$\{ 61\frac{1}{3}' \times 20' \times 12'' \} = 11226.66$$

$$2 \text{ Rakes Ea } 9\frac{1}{2}' = 194'$$

Out

{ $\frac{1}{2}$ circles 12' 2" span 20" thick

2 Crocker } Square, part " 9' 5" x 12' 2" x 20"

$$24 \text{ Windows } 8 \times 4 \times 16'' = 10211024,$$

$$8 \quad " \quad 8 \times 4 \times 20'' = 343393.33$$

$$12 \quad " \quad 6\frac{3}{4} \times 4 \times 16'' = 1132$$

$$4 \quad " \text{ Gable } 6\frac{3}{4} \times 4 \times 12'' = 108$$

Added for Covering on two

Sides & 2 Ends 288 ft =

Out of 30' 4" Stings on E & W
Sides 2 Gable Ends of the
two Wings

Length of Spring's
Old Dam —

84 ft.

27

89

200 ft. Oct. 4, 1837 Thos Quincy
assisted by J. P. Gauland

Oct. 2, 1831

Put. the top of the Iron
plate on the New Springs
Dam at the South end $\frac{3}{8}$ in.
below the top of the log in the
South end of the old dam; thence
inclined $35\frac{2}{3}$ ft. to a point
 $\frac{1}{8}$ in. below the top of planking
at the centre of the old
Dam; thence same level
91 feet to a point $1\frac{1}{2}$ inches
below plank of old dam;
thence incline to the north
end of Dam at Hobson's
new Mill to a point $9\frac{1}{100}$ ft.
below the South end of the
same $43\frac{1}{2}$ ft.

Wm Denny
Centre of Dam one ft. below each
end.

Octo. 2, 1837.

Run the top of the ^{new} dam at the South end $\frac{3}{8}$ inch below the top of the log in the South end of the old dam; thence $35\frac{2}{3}$ ft. to a point $\frac{7}{8}$ inch below the top of planking at the center of old dam thence ^{to a point $1\frac{1}{2}$ in. below planks of old dam} ~~thence~~ ^{thence} ~~to the same~~ ^{to the same} ~~heights of South ends of~~ ^{heights of South ends of} Dam to North end at Hobsons Mill $43\frac{1}{2}$ ft.

Length of new Dam is	
Gates	30 ft,
South Wing	$35\frac{2}{3}$
Center	91
North Wing	$43\frac{1}{2}$ - 200 $\frac{1}{6}$

Chadwick's Stone used in
the two walls by the Boiler
Houses

$$13 \times 5\frac{1}{2} \times 2 = 143$$

$$11 \times 1\frac{1}{2} \times 2 = 33$$

$$9 \times 3 \times 2 = 54$$

$$6 \times 2\frac{1}{2} \times 2 = 30$$

$$17\frac{1}{4} \times 7\frac{1}{2} \times 2\frac{1}{2} = 323$$

$$7 \times 1 \times 2 = 14$$

$$\begin{array}{r} 25 \overline{) 597} \quad 23.88p \\ \underline{50} \\ 97 \\ \underline{90} \\ 70 \\ \underline{70} \\ 0 \end{array}$$

Plaster

Water Power Co. Stone
used for Coping

$$25\frac{1}{2} \times 2 \times 1 = 51$$

$$9 \times 2 \times 1 = 18$$

$$\begin{array}{r} 69 \\ \underline{50} \\ 19 \end{array}$$

$$2\frac{1}{2} \times 25 = 62.5$$

$$4.25$$

$$2.5$$

$$8.50$$

$$1.06$$

$$\$9.56$$

This stone was for
Part 288/2

1

Stakes for flash in the
old dam near the Ynto Co's
Guard Gates were put in
and used by said Co.
previous to the rebuilding
of the dam by the W. P. Co.,
as follows. Stakes of
Oak 1 $\frac{3}{4}$ inches diameter
1st. stake 2 $\frac{1}{10}$ ft. from East end of Dam

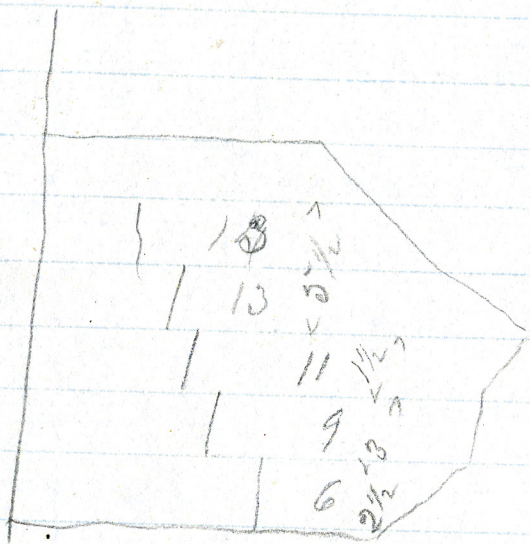
2d,	"	8 $\frac{3}{10}$	"	"	"	"	"
3d "	"	11	"	"	"	"	"
4 "	"	14 $\frac{8}{10}$	"	"	"	"	"
5th,	"	18	"	"	"	"	"
6 "	"	21 $\frac{3}{10}$	"	"	"	"	"
7 "	"	27 $\frac{1}{2}$	"	"	"	"	"
8 "	"	30 $\frac{1}{4}$	"	"	"	"	"

The above notes were taken
in the summer of 1849 by
me — Thos. Quincy

Coping

$9 \times 2 \times 1$

$25\frac{1}{2} \times 2 \times 1$



$25\frac{1}{2}$ ft. long coping
 2×1 ft.

$17\frac{1}{4} \times 7\frac{1}{2} \times 2\frac{1}{2}$

$7 \times 1 \times 2$

Tops
Coping Step Shop
Wide Deck

2.	2
2, 2	2
	1, 9
2	2, 3
2	2
2	2, 4
1, 9	2, 6
2, 3	2, 4
2, 3	2, 3
2, 3	2, 6
2, 1	2, 5
2, 2	

$$11 \overline{) 23,8} \\ \underline{2,12}$$

$$11 \overline{) 25,0} \\ \underline{2,27}$$

$$13 \times 5\frac{1}{2} + 2$$

$$11 \times 1\frac{1}{2} + 2$$

$$9 \times 3 + 2$$

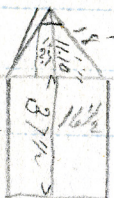
$$6 \times 2\frac{1}{2} + 2$$

$$17\frac{1}{4} \times 7\frac{1}{2} + 2\frac{1}{2}$$

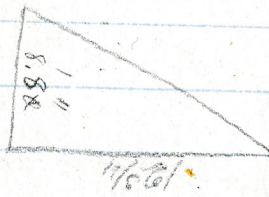
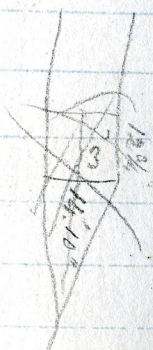
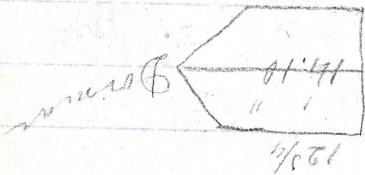
$$7 \times 1 + 2$$



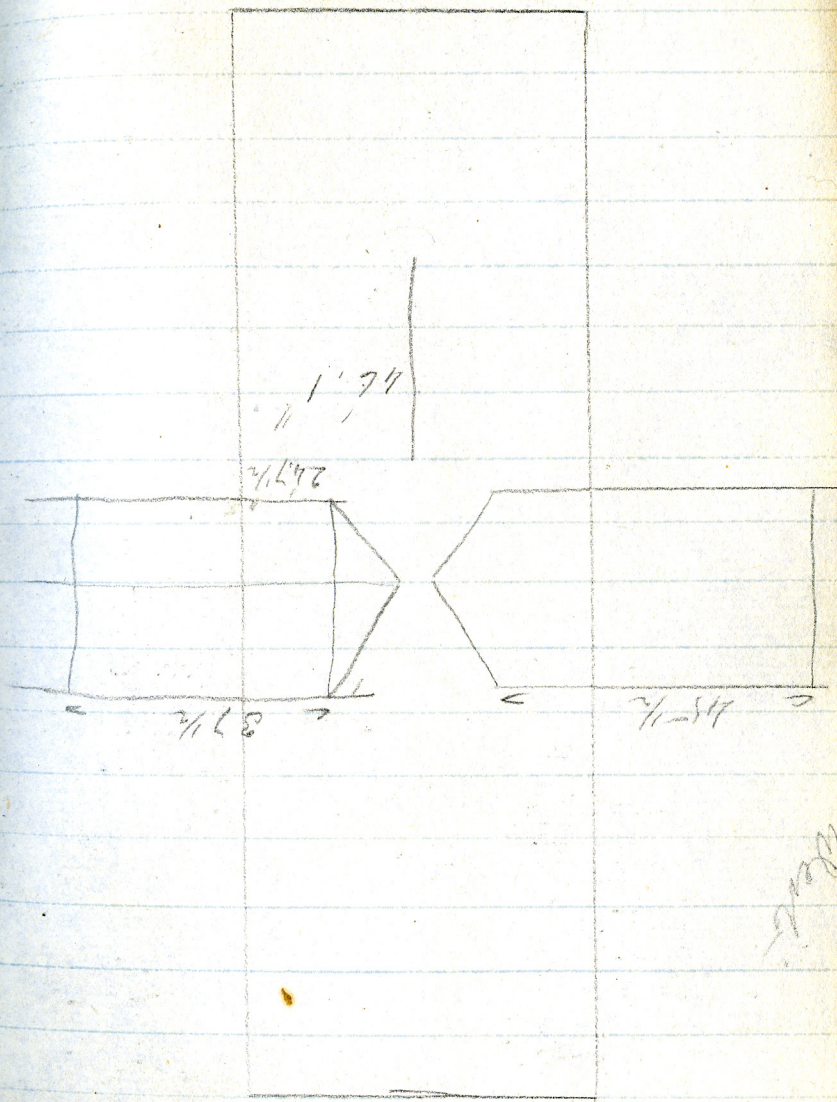
98.102



98.10



82.6
49
21 10



12/2/2

Ashlar work
 Less $3\frac{1}{2}$ ft. on north end
 3 " " South "

Coping S E Dory House
 105' x

7	1	3.5	16.9	25.6	34.7	44.6	47.8	7.2	13.	18.9	26.4	34.3	43.9	50.3	6.	14.5	22.4	26.3
---	---	-----	------	------	------	------	------	-----	-----	------	------	------	------	------	----	------	------	------

Chisel

File

This stone is over four times the S end.

Copied S. E. House

2.9	2.7
2.25-	2.4
2.25-	2.4
2.25-	2.4
2.21-	2
2.2	2.5-
2.5-	2.2
2.7	2.1
2.6	2
2.3	2
2.1	1.8
2.3	2.6
2.4	2.3
2.5-	2.4
2.7	1.8
2.75-	2.5-

$$\begin{array}{r} 42.9 \\ 47.8 \\ \hline 91.7 \\ 55.1 \\ \hline 36.6 \end{array}$$

$$\begin{array}{r} 16 \overline{) 38.95} \\ \underline{2} \quad 13 \end{array}$$

$$\begin{array}{r} 16 \overline{) 36} \\ \underline{2} \quad 14 \end{array}$$

$$\begin{array}{r} 69 \\ 64 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 34.3 \\ 47.8 \\ \hline 82.1 \end{array}$$

North Ends of
Wall on 1800 ft. side Basin

$$\begin{array}{r} 9.5 \\ \hline 28.5 \\ \hline 17 \\ \hline 5 \frac{2}{11} \end{array}$$

7

$$\begin{array}{r} 25.2 \\ 25.0 \\ 25.0 \\ 24.6 \\ 24.0 \\ 24.0 \\ 23.4 \\ 22.0 \\ 19.8 \\ 19.8 \\ 19. \end{array}$$

$$12 \overline{) 277.8} \\ \underline{23.15}$$

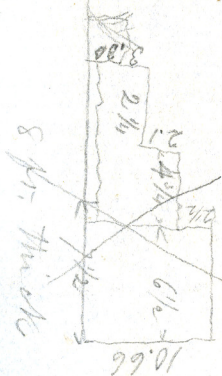
$$\begin{array}{r} 2388 \\ 115 \\ \hline 11240 \\ 2388 \\ \hline 2388 \\ \hline 274620 \end{array}$$

7.9	7.01	6.61	5.20	4.04	3.88	3.05	2.5	1.3
4.5	4.4	4.1	3.58	2.7	1.72	1.08	0.6	0.4

98. 11 1/2
98 11 1/2
26

223.11

23
11/2



7. 4

33.3	24.	17.8	11.0	42.2	35.3	49.4	18.5	11.1	10.6	4.
30.	23.19.5	13.2	5.6	4.5	4.0	3.2	3.4	16.5	11.5	7.7

5. 46.9 40.4 27.7 22.9 17.2 9

50. 44.5 35.8 21.1 15. 7.4

$$\begin{array}{r}
 2,5- \\
 2,5- \\
 1,5- \\
 2- \\
 \hline
 8,5- \\
 2- \\
 \hline
 167
 \end{array}$$

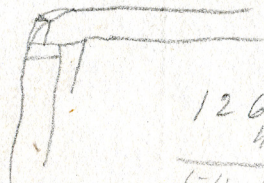
$$\begin{array}{r}
 41- \\
 17- \\
 \hline
 28
 \end{array}$$

$$\begin{array}{r}
 24 \overline{) 060} / 15 \\
 \underline{24} \\
 120 \\
 \underline{120} \\
 0
 \end{array}$$

$$\begin{array}{r}
 3 \\
 8 \\
 \hline
 24 \\
 12 \\
 \hline
 36
 \end{array}$$

13

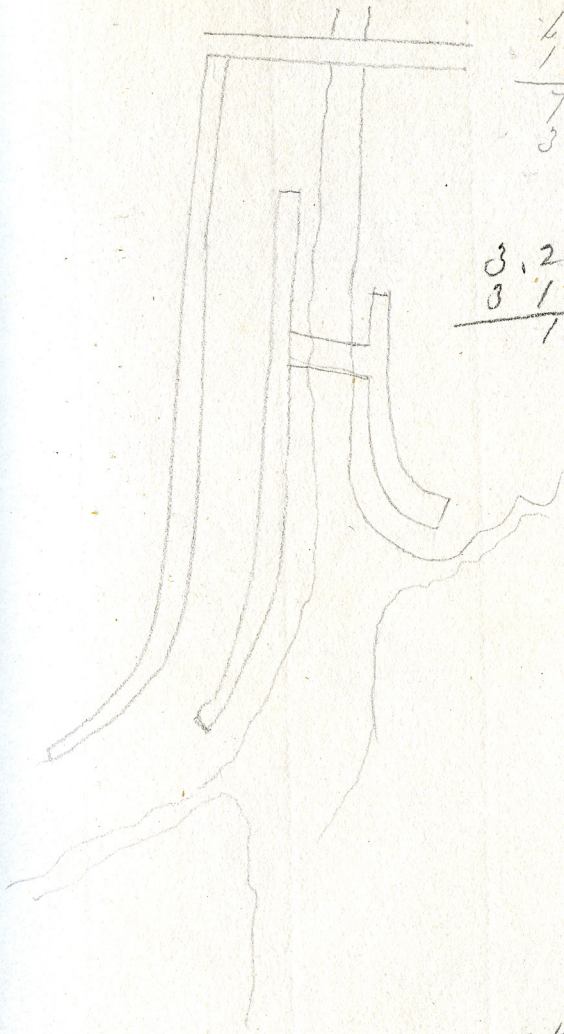
$$\begin{array}{r}
 18 \\
 6 \\
 \hline
 108 \\
 11 \\
 \hline
 102
 \end{array}$$



$$\begin{array}{r}
 126 \\
 4 \\
 \hline
 506
 \end{array}$$



13 1/2 in length
 16 1/2 length of arm
 27
 12
 15



$$\begin{array}{r}
 6.6 \\
 1.4 \\
 \hline
 7.70 \\
 3.11
 \end{array}$$

$$\begin{array}{r}
 3.241- \\
 3.12 \\
 \hline
 1.25
 \end{array}$$

$$\begin{array}{r}
 0.4 \\
 \hline
 2 \\
 2.16
 \end{array}$$

3, 49 W. Endd Dam 229-8"

4, 48 Middle 228, 2

99

4, 48 middle Dam

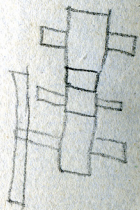
8 87 Side new

4, 39

Reqs for flash boards on
old Dam beginning at York
Co's end - Reqs of Oak 1 1/2" diameter
1st. 2.80 for end of dam

20.	- 8.30	-	-	-	-
3	- 11	-	-	-	-
4	- 11.80	-	-	-	1
5	- 18.00	-	-	-	-
6	- 24.40	-	-	-	15
7	- 27.50	-	-	-	14
8	- 31.60	-	-	-	60
					15
					210

14
5
70



$$\begin{array}{r}
 3,33 \\
 \underline{4,80} \\
 1,47 \\
 \underline{6,50} \\
 5,03
 \end{array}$$

$$\begin{array}{r}
 4,016 \\
 \underline{888} \\
 3,128
 \end{array}$$

$$\begin{array}{r}
 4,016 \\
 \underline{2,72} \\
 6,736 \\
 \underline{2,50} \\
 4,236
 \end{array}$$

$$\begin{array}{r}
 5,72 \\
 \underline{0,55} \\
 2,39 \\
 \underline{6,50} \\
 4,11
 \end{array}$$

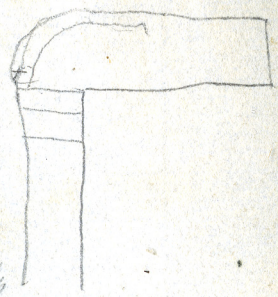
$$\begin{array}{r}
 5- \\
 \underline{1,8} \\
 3,4 \\
 \underline{2,89} \\
 4,150
 \end{array}$$

$$\begin{array}{r}
 5- \\
 \underline{1,4} \\
 3,8 \\
 \underline{4} \\
 14,8
 \end{array}$$

72 Agt - \$12.95-

$$\begin{array}{r}
 167 \\
 \underline{91\frac{1}{4}} \\
 75\frac{3}{4} \\
 \underline{75\frac{3}{4}} \\
 131\frac{1}{4}
 \end{array}$$

$$\begin{array}{r}
 334 \\
 \underline{91\frac{1}{4}} \\
 242\frac{3}{4}
 \end{array}$$



$$\begin{array}{r}
 167 \\
 167 \\
 \underline{48} \\
 382 \\
 \underline{91\frac{1}{4}} \\
 290\frac{3}{4}
 \end{array}$$